# Construction

Southern construction for the first seven months of 1949 is valued at $1,650,864,000, or about three per cent more than the figure for the comparable period of last year.

Value of contracts awarded in July was placed at $223,744,000, as compared with the $278,293,000 for the preceding month and the $222,061,000 for the seventh month of 1948.

Private and public building and industrial construction were mainly responsible for the stability of construction this year so far.

The $483,217,000 for private building is almost five per cent above its 1948 counterpart. Public building with its $397,374,000 total is up fifteen per cent.

AUGUST 19

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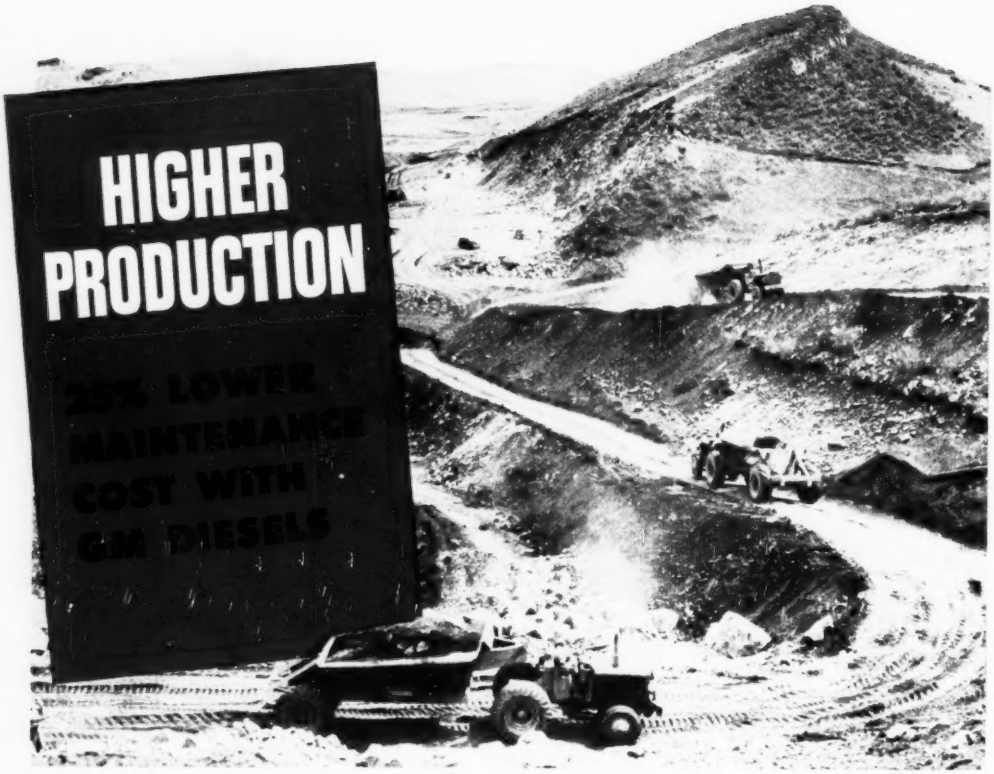


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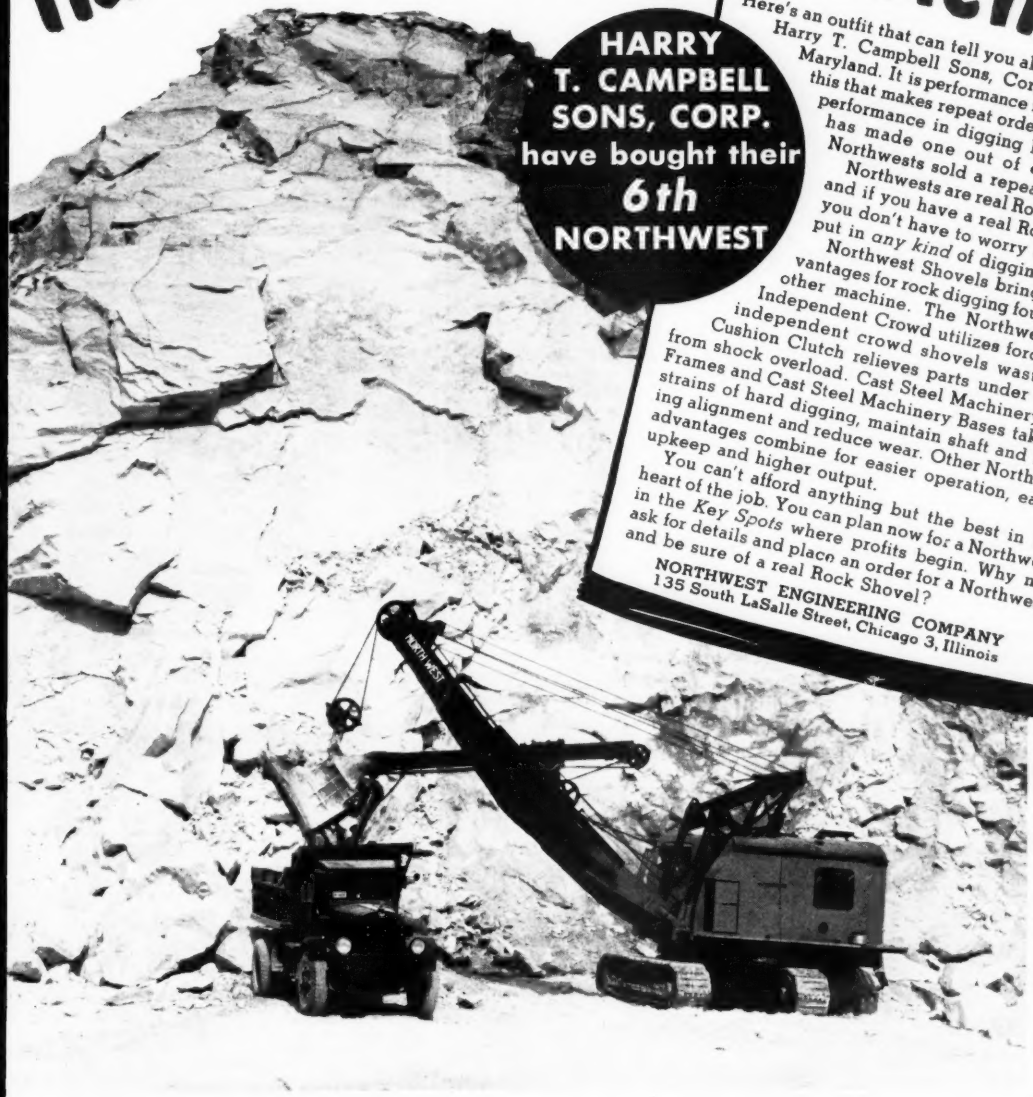


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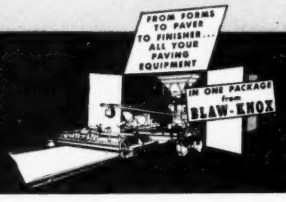


**DISTRIBUTORS THROUGHOUT THE SOUTH**

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## Interstate Road System Needs Rural Improvements

All but 1,900 miles of the 31,831 miles of the Interstate Highway System in rural areas require improvement to bring these routes up to standards recommended for existing volumes of traffic. Of the 5,969 miles of roads and streets in urban areas, all but 398 miles require some degree of improvement. Of the 10,050 bridges on rural sections of the system, only 483 are completely adequate.

Correction of sight-distance deficiencies and other fundamental defects of highways in the National Interstate System would substantially increase the traffic capacity of the system, speed up the flow of traffic, effect a considerable saving in the cost of motor vehicle operation, and reduce the accident rate.

If rural sections of the system had been improved in 1948 as proposed, it is reported an estimated 1,400 lives lost in road accidents might have been saved. If in the same year the proposed improvement of urban sections had been completed, the saving in travel time, valued at a cent a minute, would have amounted to approximately four-fifths of an annual instalment of the estimated cost of the improvements, amortized over a period of 20 years.

Proposed relocations to correct deficiencies would shorten rural sections of the system by 384 miles and urban sections by 257 miles, a total reduction of 641 miles from the present length of 37,800 miles.

Approximately 52 per cent of the high-type pavements, 85 per cent of the intermediate type, and 93 per cent of the low-type surfaces on routes in the Interstate Highway System will require replacement in the next 10 years.

"If surfaces of the system are retired in the future at a rate no greater than that of the past," the report continues, "all but the newest and most durable of existing surfaces will be replaced in the next 20 years."

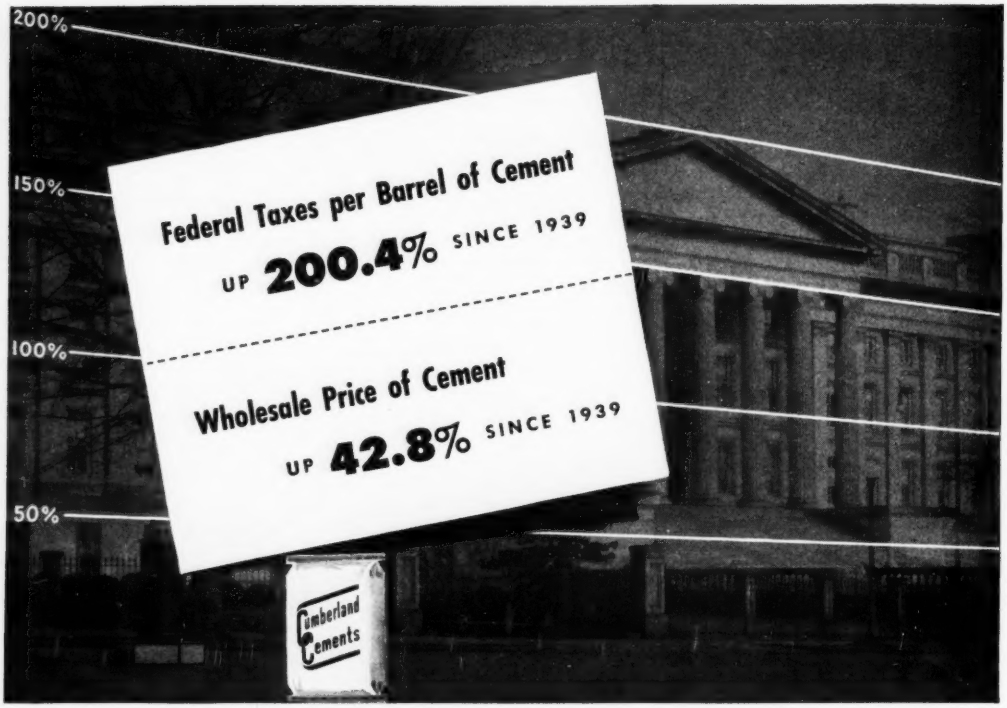
The report adds, however, that "the present inadequacy of surface width is a much more serious deficiency of the system than the inadequacy of surface type. More than two-thirds of the rural mileage has surfaces that are too narrow."

## Pollution Control Launched

Allotments totaling $850,000 have been made by the Federal Security Agency, according to the Public Health Service.

A number of applications have already been received by the Health Service, which points out that before funds may actually be released for studies, specific programs must be approved.

A total of $2,200,000 has been appropriated by the present Congress to initiate the nation-wide program of water pollution control and prevention. The states would get $850,000, interstate agencies, $150,000 and the Health Service, $1,200,000.

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In 1948, these taxes were more than *three times* as high as in 1939. In the same nine-year period the wholesale price of cement—as shown by official figures from the U. S. Bureau of Labor Statistics—was held to an increase of only 42.8%.

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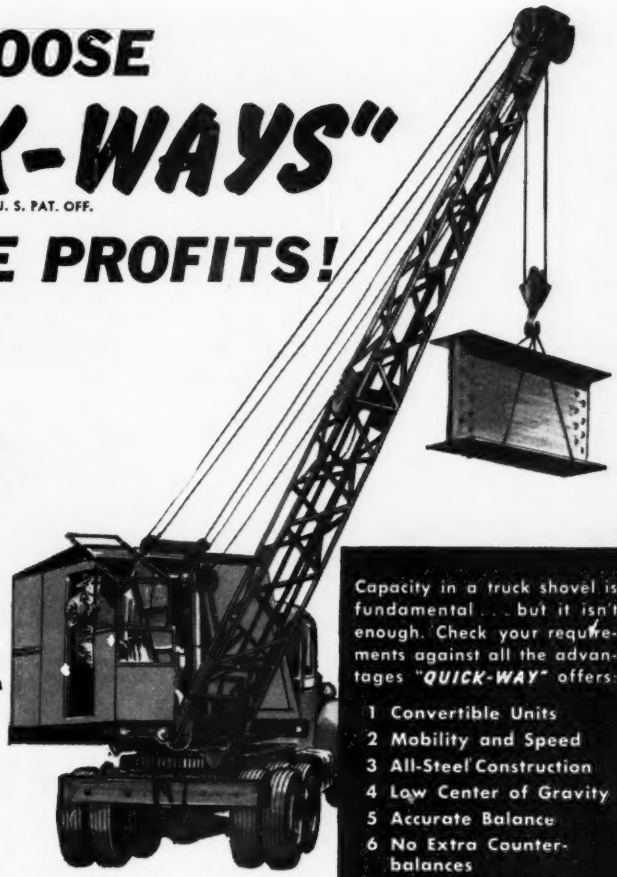

Every *"QUICK-WAY"* part will deliver its capacity rating and more, and you get more utility out of a *"QUICK-WAY"* fully equipped, than any comparable equipment. Each *"QUICK-WAY"* is easily converted in minutes from shovel to crane, dragline, clamshell, pile driver, scoop, trench-hoe or backfiller. Buy just the attachments you want to do more jobs better.

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Capacity in a truck shovel is fundamental . . . but it isn't enough. Check your requirements against all the advantages *"QUICK-WAY"* offers:

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9. Simply and Ruggedly Built
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11. Low First Cost
12. Low Maintenance and Repair
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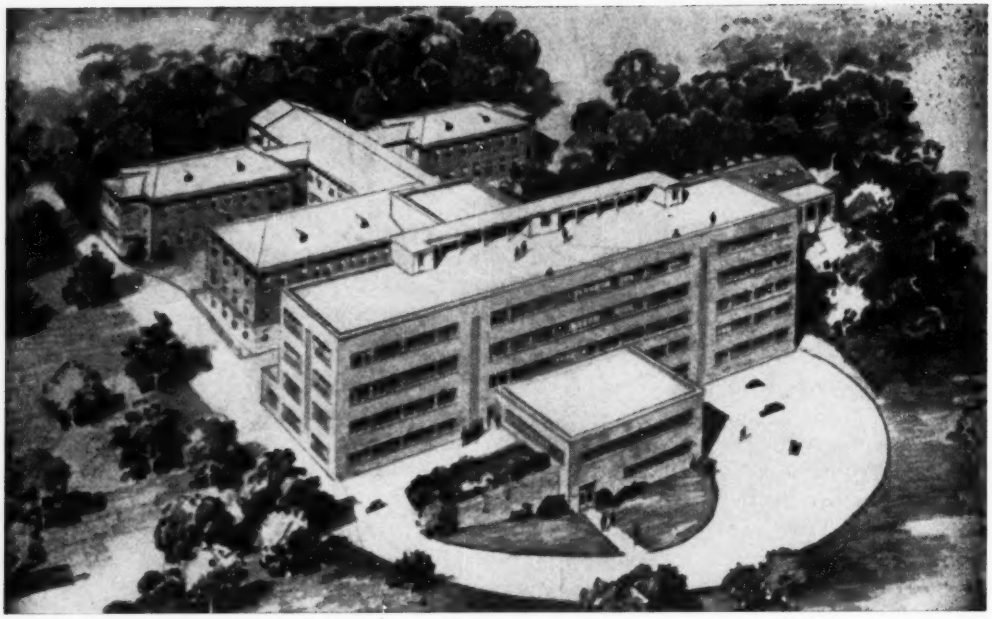


*Above—Plans for the $1,240,000 addition and remodeling project at the Rockingham Memorial hospital were made by Clarence Wenger, architect of Harrisonburg, Va. Nielsen Construction Co., also of Harrisonburg, is the contractor.*

# Southern Contracts in Seven Months are Valued at $1,650,864,000, a Gain of Three Per Cent

VALUE of southern construction contracts in July was $223,744,000, according to a tabulation of reports in the *Daily Construction Bulletin* of the MANUFACTURERS RECORD. Practically the same as the value for the seventh month of last year, the current July total represented a dip of nineteen per cent from the $278,293,000 recorded for its immediate predecessor.

Despite the drop, the aggregate for the elapsed months of 1949 is higher than during the comparable period of 1948. The current accumulation of contract values is $1,650,864,000, or about three per cent higher than the $1,604,339,000 of the first seven months of last year.

Private and public building and industrial construction were mainly responsible for the stable position of construction for the year so far. The $483,217,000 for private building is almost five per cent greater than its 1948 counterpart.

Public building with a $397,374,000 total is up fifteen per cent. The rise in value of industrial construction, which now totals $279,110,000, is slightly above three per cent. No gains were registered in the seven months for engineering construction and highways and bridges, the totals for which were $219,820,000 and $271,343,000, respectively.

The seven months of private construction, total $483,217,000 embraces $297,203,000 for residential work, including apartments, hotels and dwellings, $79,954,000 for office type structures, $59,769,000 for assembly buildings, including churches and theatres, and $46,291,000 for commercial buildings.

The $79,954,000 for office buildings is more than three times the value of such work in the first seven months of last year. Residential and assembly building values are each down five per cent. Commercial construction now shows a twenty-five per cent decrease, compared with last year at this time.

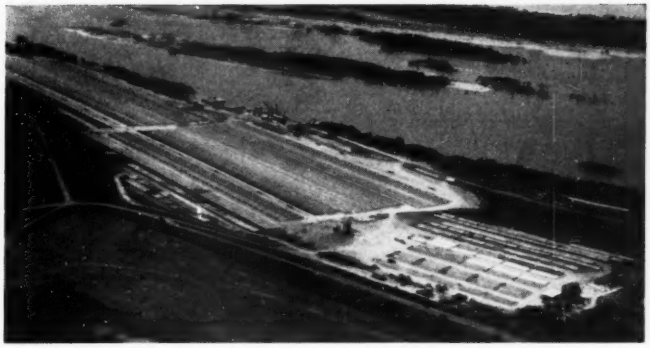
Public building, the other category showing an increase, embraces $172,593,000 for schools and $224,781,000 for government building, including hospitals; or forty-three and sixty-seven per cent, respectively. Last year, school construction was larger, representing fifty-seven per cent of the public building total, while government buildings amounted to forty-three per cent.

One category in the heavy engineering field, where the total in the first seven

## SOUTH'S CONSTRUCTION BY STATES

| | July, 1949 | | Contracts Awarded First Seven Months 1949 | Contracts Awarded First Seven Months 1948 |
|---|---|---|---|---|
| | Contracts Awarded | Contracts to be Awarded | | |
| Alabama | $3,369,000 | $5,579,000 | $42,285,000 | $100,894,000 |
| Arkansas | 4,923,000 | 4,115,000 | 27,720,000 | 61,345,000 |
| Dist. of Col. | 3,174,000 | 2,750,000 | 48,025,000 | 26,279,000 |
| Florida | 19,435,000 | 14,511,000 | 151,858,000 | 177,121,000 |
| Georgia | 7,614,000 | 20,673,000 | 68,624,000 | 73,857,000 |
| Kentucky | 8,387,000 | 11,435,000 | 31,131,000 | 31,231,000 |
| Louisiana | 18,668,000 | 49,278,000 | 116,636,000 | 122,837,000 |
| Maryland | 37,744,000 | 42,431,000 | 132,706,000 | 130,733,000 |
| Mississippi | 12,522,000 | 45,389,000 | 59,913,000 | 44,037,000 |
| Missouri | 7,754,000 | 18,671,000 | 53,737,000 | 74,696,000 |
| North Carolina | 18,985,000 | 20,440,000 | 99,422,000 | 77,425,000 |
| Oklahoma | 6,027,000 | 6,605,000 | 55,745,000 | 50,113,000 |
| S. Carolina | 7,130,000 | 6,360,000 | 61,211,000 | 50,739,000 |
| Tennessee | 10,700,000 | 10,620,000 | 162,476,000 | 72,262,000 |
| Texas | 49,851,000 | 220,690,000 | 463,464,000 | 400,448,000 |
| Virginia | 6,828,000 | 61,918,000 | 66,929,000 | 61,659,000 |
| West Virginia | 583,000 | 5,365,000 | 8,982,000 | 48,663,000 |
| TOTAL | $233,744,000 | $546,830,000 | $1,650,864,000 | $1,604,339,000 |

*Right—Manufacture of articulated concrete mattress for stabilization of river banks in the Vicksburg district is one of the functions of the U. S. Engineer Department plant at Greenville, Miss. An experimental type flexible roll mattress is shown in the right center; the articulated type in the background.*



months was $219,820,000, showed a substantial increase. This was government electrical work, which in 1949 so far totals $48,099,000, while in the same 1948 period, amounted to $31,605,000.

Dams and similar work this year are valued at $97,804,000, compared with $125,-115,000 last year, and sewer and water, $73,917,000, compared with $78,805,000 in the first seven months of 1948. The $271,-343,000 for highways and bridges include $71,287,000 for such work in Texas, which is practically twice the figure for its nearest competitor.

July's $223,744,000 consists of $67,339,-000 for private building, $60,551,000 for highways and bridges, $56,102,000 for public building, $24,831,000 for heavy engineering construction and $14,921,000 for industrial projects. The only classification showing a rise is highways and bridges, which represents a fifty-three per cent gain over June.

Private building in July included $47,-944,000 for residential work, as compared with June's $57,031,000; $10,007,000 for assembly buildings, which in June totaled $7,420,000; $6,331,000 for commercial buildings, a rise over the $5,380,000 in June, and $3,057,000 for office buildings. These in June were valued at $52,652,000.

Industrial construction, with its $14,-921,000 in July, is down compared with the $19,411,000 of the preceding month. It is the second lowest figure for the months of this year. The lowest industrial contract total was registered in April. It was $11,693,000.

Public building included $34,500,000 for government structures and $21,602,000 for schools. In the previous month, government buildings amounted to $33,036,000 and schools, $24,733,000.

All components in the heavy engineering field showed a drop. The July figure was $24,831,000 and the individual totals were $11,137,000 for dams, drainage, earthwork and airports, $7,339,000 for government electric projects and $6,355,000 for sewer and water work. The totals for these types of work in June were $21,-598,000, $8,138,000 and $10,111,000, respectively.

The $60,551,000 for highway and bridge awards in the sixteen southern states during July not only is the highest for the year so far, but also is the second highest as far back as the records reveal. Nearest approach to that high total this year was the $50,021,000 in January. It was exceeded by the $62,570,000 for May of last year.

## SOUTH'S CONSTRUCTION BY TYPES

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 | Contracts Awarded First Seven Months 1948 |
|---|---|---|---|---|
| **PRIVATE BUILDING** | | | | |
| Assembly (Churches, Theatres, Auditoriums, Fraternal) | $10,007,000 | $11,000,000 | $59,769,000 | $63,468,000 |
| Commercial (Stores, Restaurants, Filling Stations, Garages) | 6,331,000 | 5,953,000 | 46,291,000 | 62,102,000 |
| Residential (Apartments, Hotels, Dwellings) | 47,944,000 | 20,306,000 | 297,203,000 | 313,128,000 |
| Office | 3,057,000 | 5,450,000 | 79,954,000 | 23,084,000 |
| | $67,339,000 | $42,709,000 | $483,217,000 | $461,792,000 |
| **INDUSTRIAL** | $14,921,000 | $166,970,000 | $279,110,000 | $269,326,000 |
| **PUBLIC BUILDING** | | | | |
| City, County, State, Federal and Hospitals | $34,500,000 | $53,865,000 | $224,781,000 | $149,798,000 |
| Schools | 21,602,000 | 71,376,000 | 172,593,000 | 198,051,000 |
| | $56,102,000 | $125,241,000 | $397,374,000 | $347,849,000 |
| **ENGINEERING** | | | | |
| Dams, Drainage, Earthwork, Airports | $11,137,000 | $103,898,000 | $97,804,000 | $125,115,000 |
| Federal, County, Municipal Electric | 7,339,000 | 25,178,000 | 48,099,000 | 31,605,000 |
| Sewers and Waterworks | 6,355,000 | 12,348,000 | 73,917,000 | 78,805,000 |
| | $24,831,000 | $141,424,000 | $219,820,000 | $235,525,000 |
| **ROADS, STREETS AND BRIDGES** | $60,551,000 | $70,486,000 | $271,343,000 | $289,847,000 |
| **TOTAL** | $223,744,000 | $546,830,000 | $1,650,864,000 | $1,604,339,000 |

*Right—The $800,000 Bilao is one of Memphis' most modern eight-story apartment buildings. It contains 86 units and was constructed by the McNeese Construction Co.*

Construction
COVERING 16 SOUTHERN STATES

# A Paying Investment

Good roads are an investment. Their cost is not an expense to a state It is an investment in the future economic development of the state. North Carolina proved the truth of this statement by the highway program it initiated in 1921. This progressive state, capitalizing on its own experience, is now embarking on a new road building business venture. Its citizens recently voted a $200,000,000 bond issue for rural roads and imposed on themselves an additional cent-a-gallon gasoline tax to help pay off the bonds.

North Carolina was an agricultural state in 1921. Today the North Carolina Department of Labor reports that 370,000 persons are employed by industry in the state. Simultaneously, agriculture has prospered as highways linked farms with towns and cities and not only facilitated the marketing of the traditional farm products, but also broke the chains which bound the farmer to a restricted crop system.

But the phenomenal growth of manufacturing and farming were not the only profits earned by North Carolina and its citizens from their investment in good roads. Another very tangible dividend is the one afforded by the tourist business. Virtually nil in 1921, tourist business currently is estimated at $192,000,000 annually and is the state's third largest "industry."

It was also quite natural that the population of the state should keep pace with the prosperity which accompanied the road construction pioneering era. In fact, North Carolina's population increased, between the censuses of 1920 and 1940, by 39.6 per cent, while the national increase was only 24.6 per cent. Its manufactured products values increased over 50 per cent in the two decades of good roads—before World War II halted the program.

It is unfortunate that all too many politicians,—and all too many citizens, for that matter—think of road building as an expense. North Carolina has proved that it is, in reality, an investment which a progressive state can not afford not to make. It is a self-liquidating investment when accompanied by adequate taxes on highway users;—an investment from which every citizen draws dividends in constantly improving economic and social conditions.

# Grave Deficiencies Revealed in Interstate Road System

SERIOUS deficiencies exist in the routes of the National Interstate Highway System, a system that serves 20 per cent of the Nation's traffic, according to a report transmitted to Congress by the President.

The 176-page report, entitled "Highway Needs of the National Defense," was compiled by the Public Roads Administration in compliance with section 2 of the Federal-aid Highway Act of 1948, which directed the Commissioner of Public Roads to cooperate with the State Highway Departments in making a detailed study of the status of improvements and the principal deficiencies of the Interstate Highway System as of December 31, 1948.

The report, presented as a supplement to an earlier report dated February 1, 1941, entitled "Highways for the National Defense," is based on detailed data supplied by State Highway Departments and embodies suggestions and recommendations of the Secretary of Defense.

The Interstate Highway System, as designated by the States in cooperation with the Public Roads Administration and approved by the Federal Works Administrator under authority of the Federal-aid Highway Act of 1944, at present comprises 37,800 miles of the most heavily traveled routes, both rural and urban, in the Federal-aid primary system. Approximately 2,200 miles of the 40,000-mile interstate system authorized by the 1944 Act have been reserved for future additions to the system, principally in urban areas.

The report points out that the National Interstate System, because of the large volume of traffic it serves, is "the trunk-line highway system of the United States." The system consists of a network of highways that serve 182 of the 199 cities having a population of 50,000 or more persons, as well as many smaller cities and towns. It also connects the principal industrial areas throughout the country.

Although the system includes only one per cent of the country's total mileage of roads and streets, its rural sections serve 20 per cent of the traffic carried by all rural roads. Its urban sections, as thus far designated, serve more than 10 per cent of the traffic moving over all city streets.

Since these main highways carry the bulk of the Nation's traffic, they should be among the first considered for improvement. Some sections of the system have been reconstructed since the war, but large portions of the system are "seriously obsolescent" and are not suitable, either in surface conditions or in design, for the great number of vehicles attempting to use them, the report states. It attributes the present overcrowding of arterial routes to the fact that motor vehicle traffic in the postwar years has increased faster than the rate of highway improvement.

The Interstate Highway System, the report declares, is most deficient in sight distances and in the width of pavements, shoulders, and bridges.

The estimated cost of proposed improvements to correct these deficiencies and to adapt the system to the needs of its present traffic is $11,266,000,000, based upon construction costs in 1948. Of this sum, $5,293,000,000 would be expended on sections of the system within the urban areas of cities of 5,000 or more population, and $5,973,000,000 would be assigned to projects on rural sections.

As improvements are undertaken, the report states, ample provision should be made for the increased traffic volumes that may be anticipated over a period of 20 years. This may increase the cost of improvements to some extent, but not greatly.

"Capital requirements of such magnitude obviously cannot be met from the revenue of a single year," the report continues. "The improvement is needed now. In part it can be deferred but deferral means the acceptance of greater costs in lives, in conveniences, and in the actual expense of vehicle operation.

"Correction of existing deficiencies by measures at least as costly must be made in any case whenever in the future further improvement is undertaken on the roads and streets now forming the system. In a period no longer than 20 years, such improvement must be undertaken on every mile.

'If the system is to be brought to a state of adequacy in this longest reasonable period, a capital investment averaging probably more than $500,000,000 per year will be required. No less provision can be economically justified."

Completion of proposed improvements on the Interstate Highway System in a period far shorter than 20 years would result in much greater economic and social benefits, according to the report. Needs of the national defense, it adds, "require a substantially more rapid improvement."

Federal funds authorized for the im-

(Continued on page 12)

—The National System of Interstate Highways.

# Interstate Road System Deficiencies

(Continued from page 11)

provement of routes in the primary and urban Federal-aid systems are currently being assigned to projects on the Interstate Highway System at the rate of approximately $75,000,000 annually.

In order to provide for the development of the system "at a rate not slower than the essential minimum," the report advises that Congress consider the advisability of authorizing additional Federal appropriations which would be earmarked for expenditure only on rural and urban routes in the Interstate Highway System. Funds so authorized should be apportioned among the States in such proportions as to permit substantially equal progress in the correction of existing deficiencies in all States.

The report recommends that, "in view of the extraordinary interstate and national interest attaching to the system," Federal participation in the cost of improvements should be "in a ratio greater than the normal 50 per cent" authorized by existing highway legislation.

If a State elects to speed up the improvement of routes in the Interstate Highway System by borrowing capital, the report suggests, "it would seem desirable" to amend the Federal highway legislation to permit future allotments of Federal funds to be applied to the retirement of indebtedness incurred for such improvements, exclusive of interest, in the same manner as at present is provided for Federal participation in current cost of improvement.

The Federal Government, the report states, should continue to authorize appropriations for the Federal-aid primary, urban, and secondary road systems "at rates not less than those established by the Federal-aid Highway Act of 1948." The recommended provision of additional Federal funds earmarked for the Interstate Highway System should not be subtracted from funds authorized for other parts of the Federal-aid primary and urban systems and for secondary roads, the report declares. Deficiencies on these routes, it adds, "are more numerous in proportion to the larger mileage involved."

"The National Military Establishment has pointed out that there may be additional routes, probably not exceeding a total of 2,500 miles, that are strategically as important as some now included in the Interstate System," the report continues. "These are, doubtless, embraced in the Federal-aid primary system.

"Improvement of the principal secondary roads, long deferred, remains a present need whatever may be the provision for primary roads, and these improvements also will contribute to a state of highway readiness for the national defense. The need for these other improvements is subordinate only to needs on the Interstate System."

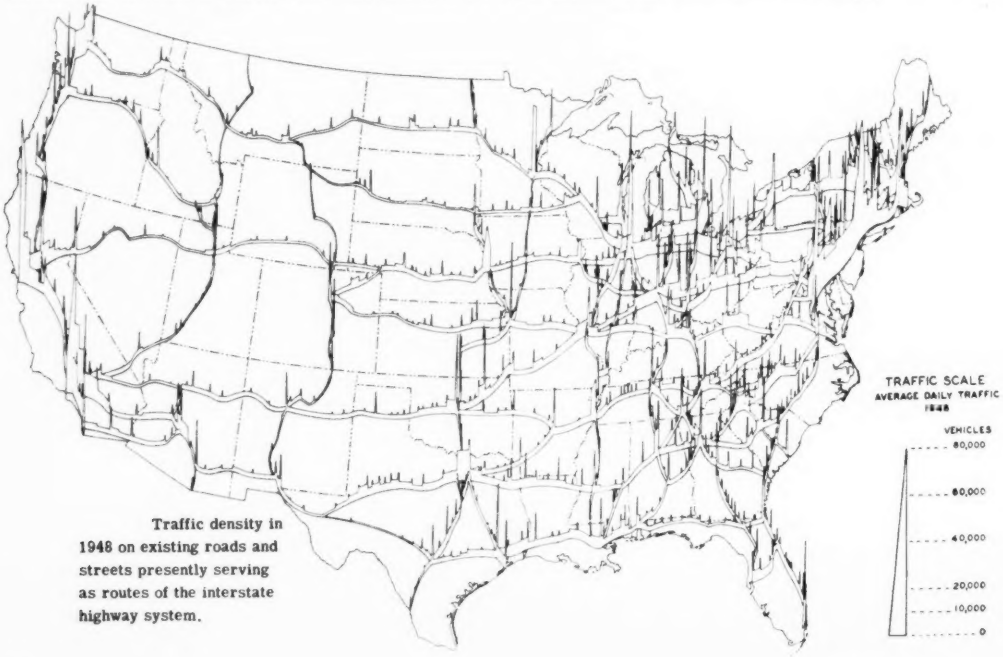
The report recommends that future highway legislation "should be broad enough to cover national emergencies of war or peace" by authorizing the diversion of specific highway appropriations to other purposes in time of need, such as the construction of access roads to military installations and war industries, and the emergency repair and permanent rehabilitation of roads and bridges damaged by floods, heavy snowfalls, and other major disasters.

The maximum sum to be available for these purposes, without specific authorization, should be fixed by law, and provision should be made for subsequent replacement of the amounts expended.

Rehabilitation of damaged highways in disaster areas should be done under agreement with the State highway department, and the Federal contribution should be based upon the established pro rata for the regular Federal-aid highway program. For "war-necessitated" construction, the report states, Federal payment "up to 100 per cent of the cost" should be authorized.

Stockpiling of road-building materials and equipment and a "substantial stock" of portable bridge units, as a precaution against possible need in the event of war, is advocated. This reserve supply should be large enough to provide for "the normal consumption of not less than a six-months' period." Materials and equipment held in reserve by State highway departments should be available for use in civil disaster relief.

The report also recommends (1) that highway authorities should be represented through the Public Roads Administration and appropriate officials of State highway departments on boards created to select sites for military and strategic industrial establishments, in order to assure efficient provision of highway connections, and (2) that adequate representation of highway and highway transport requirements should be provided for in any future establishment of agencies to apportion and relation war-essential materials in short supply.




**Traffic density in 1948 on existing roads and streets presently serving as routes of the interstate highway system.**

# Color and Lighting Important in Modernization

by

**Joseph C. Thompson**

TWO of the most widely discussed aspects of modernization are color and lighting. Many times in the past these subjects were treated individually and not as an integral unit. The actual color of the paint used received scant consideration. Paint was chosen on a strictly "save-the-surface" basis. Such treatment naturally resulted in color schemes that robbed the home of available illumination and created sub-standard seeing conditions. More than this, the injudiciously used colors imposed an unnecessary maintenance burden and constituted an actual physical hazard.

Extensive research in the past five years by both color and illuminating engineers has pointed the way to an economic method for obtaining maximum efficiency from available lighting and correcting the conditions imposed by improper choice of color. These engineers have time and again demonstrated the natural relationship that exists between color and light. They have proved that color is an indispensable accessory to proper lighting.

### Research Extensive

These principles are established upon the fact that color, a neighboring member of the infrared, ultraviolet, and X-rays of the electromagnetic spectrum, has inherent power and energy. There are many demonstrations establishing this point. Perhaps one of the most unusual and yet practical of these is found in New England where winters are long and cold and make the harbors ice-bound until late in spring. This caused the sea-faring folks to lose precious weeks waiting for the ice to melt.

With typical Yankee ingeniousness, they eased the problem by applying a few sound principles of color application. They painted broad strips of the ice with black paint. This black paint absorbed the light rays of the sun. The heat from these rays melted the ice and thus aided in clearing a passageway to the sea much faster than Mother Nature would have in the normal course of events.

Many important and practical facts about color are now known. Color engineers found, for example, that some colors such as white that have a high reflection value can actually cause a lowering of visibility. Other colors, with less reflection value, such as Vista Green and Suntone, were revealed to have the power of properly dispersing illumination and achieving maximum ease of seeing.

Some colors have the power to make a person feel warm or cold or of making them happy or sad. Certain colors when used scientifically in a prescribed pattern can alter visually the proportions of a room. By recognizing and employing these characteristics, color engineers have directed them to productive goals.

### Reflection

Of the total amount of light available, a certain percentage is absorbed or "soaked up" by various room surfaces. The remaining light is reflected or turned back into the room as potentially useful illumination. The amount and nature of the light reflected is determined by the color and texture of the surfaces. This reflection can be classified as (1) Specular reflection and (2) Diffuse reflection.

By specular reflection is meant the transmission of a light ray from a highly polished surface such as a mirror or a glossy white wall in the same shape and form and at the same angle in which it reaches the surface. The action can be compared to the manner in which a rubber ball bounces from a floor. Obviously such reflection causes a high degree of brightness and glare even though it does utilize the maximum quantity of light.

In contrast, diffuse reflection occurs when the surface is of such nature that the light upon hitting the surface is broken up and dispersed throughout the room. Properly diffused light, in other words, is broken up and turned back in numerous parts in much the same manner as a stream of water is when it is played against a wall; it is broken up into a mist and scattered rather evenly over a large area.

### Type of Surface Important

Glossy white surfaces in the room would, quite naturally, cause specular reflection which is wrong. The objective is not only to obtain the highest quantity of light but also to produce illumination of best quality. The question of proper lighting is often presented to give the impression that quantity of light, both direct and reflected, is the prime aim. This leads to the implied conclusion that the perfect room should have white walls, ceiling, and trim. Nothing could be farther from the truth. The glare of reflected light from all-white surfaces either glossy or dull is anything but conducive to mental concentration and achievement.

Colored surfaces in rooms employing paint which produces flat, satin, or egg-shell finishes, quite obviously are more efficient in diffusing reflected light. The light becomes softer and eliminates glare and excessive brightness. By employing the proper colors, maximum ease of seeing at the working level is obtained.

Of equal importance is the power of color to stimulate and promote a high morale and personal efficiency. It has been at various times humorously suggested that the reason there are so many pessimists in the world is because children's school rooms of the past were dismally decorated in "schoolhouse" browns and grays. This may not be so much of a joke at that for modern psychologists point out that children react to the environment in which they study and play.

According to the Principles of Color Dynamics, colors are classified as follows:

1. **Warm and Cool Colors—Warm colors are those in the range of yellow, orange, and red. They suggest heat, blood, sunshine. In rooms they are used to compensate for lack of natural illumination and are used for northern or eastern exposure. Cool colors are those in the blue range and suggest ice, snow, and clear cold water. They are used for an effect of calmness and restraint. They can be employed to counteract an overabundance of sunlight from a western or southern exposure.**
2. **Advancing or Retreating Colors—Warm colors are generally classified as advancing colors because they have the power to make surfaces appear to come forward. Cool colors tend to make surfaces on which they are used recede. These qualities of color make it possible to use color to alter visually the proportions of a room.**
3. **Stimulating, Relaxing, and Calming Colors—Generally speaking, the warm colors are those that stimulate and promote efficiency. When properly used they create a most pleasant environment. Of all colors known, green has the relaxing effect on mind and body. Nature's extensive use of green in field and forest is ample evidence of this. Various shades of green such as Eye-rest, Vista, and Seafoam form the basis of properly engineered color schemes in a majority of instances. Blue is a calming color and can be used extensively in the form of Cascade blue and Stratosphere gray to promote peace of mind and a calm, quiet atmosphere.**

### Color Placement

When interpreting the characteristics of color and planning for color schemes, utmost consideration should be given to correct placement of colors. This should be done to provide for (1) focal wall, (2) to minimize glare and direct light, and (3) to establish correct room orientation. These factors are of equal importance to the choice of the proper colors. Color Dynamics prescribes how correct color placement can be accomplished by following a w certain basic rules:

1. **Focal Walls: Paint the front wall darker or lighter value of the color used on the other three walls, or sometimes a contrasting color—one which will focus the attention on that part of the room, and at the same time not cause eyestrain. Often the same color is used for the focal wall on the rear wall.**
2. **For Minimizing Glare and Directing Light: The light in some rooms, coming from only one direction, seems particularly strong and concentrated. Glare may be caused by uncomfortably intense light reaching the eye directly, or may be the result of excessive contrast in brightness. The eye can accommodate itself with difficulty to large and abrupt changes in light. The temporary loss of vision when passing from a brilliantly sunlit street into a dimly lighted building is a manifestation of glare due to high brightness contrast. For good illumination the ratio of maximum to minimum levels should be low. This is accomplished by painting the wall opposite the windows with darkest color and using lightest color on the window walls. In general all window walls should be painted with a color of higher brightness to tend to equalize the area in shadow next to the windows with the brightness of the window area. A room with light from the South may be painted as follows: Wall opposite windows—one part Cascade blue let-down with two parts white. End walls—one part Cascade blue with one part white to draw attention, and window all—one part Cascade blue to four parts white. Another effective way to bring up brightness of window area is to use Suntone on this wall with Cascade blue let-downs on the other three walls. Ceilings are generally painted in light colors to obtain maximum efficient reflection. For instance, in hallways the use of Suntone let-down with white adds cheerfulness and this color in combination with wall of Seafoam green and dadoes of Stratosphere gray can be used to advantage.**
3. **For Correct Room Orientation: The basic rule to follow is to use cool colors on major areas in rooms with a West or South exposure and warm colors for rooms with East or North exposures. Choose a color scheme that follows the sun is an infallible rule. Ceilings, dadoes, degrees of let-down from the basic color, focal walls, etc., provide ample opportunity for variation, but never make the**

**(Continued on page 14)**

## Color and Lighting

(Continued from page 13)

rooms predominantly Cascade blue, Seafoam green or other cool colors if the room has an eastern exposure.

### Effective Color Use

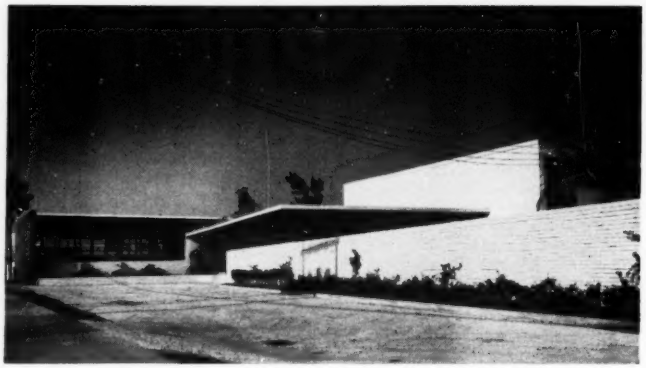
Practical applications of the Principles of Color Dynamics all over the nation are proving that color can be used as a positive aid. These principles are further demonstrating that maintenance costs are reduced when color is used scientifically by lowering clean-up costs. The bright cheerful surroundings of a harmonious and functional color scheme induces a sense of better housekeeping and cleanliness. Educators and school officials are recognizing these important factors about color and are enthusiastic in their endorsement of engineered color patterns.

### Color Promotes Efficiency

Summed up, the proper use of color becomes an economic means for promoting general efficiency. When properly planned and applied an engineered color scheme will

1. Provide adequate light through proper reflecting, non-glare surfaces and thus achieve utmost visual efficiency and eye-comfort.
2. Safeguard health by reducing nervous tension.
3. Increase morale by creating a cheerful, happy environment.
4. Promote maintenance economy by creating a better sense of housekeeping.

## McKesson & Robbins Opens New Miami Building



The new $500,000 building erected at Miami, Fla., by McKesson & Robbins, is a single-story structure covering an area of 71,000 square feet, 59,000 square feet of which are being devoted to drug and liquor storage, and 12,000 square feet for office purposes, the latter air-conditioned and the former equipped with forced ventilation.

The warehouse part of the building is rectangular; the office in the shape of an "L." Exterior is concrete block and glass brick. The frame, the windows and roof are steel. Flooring in the warehouse is concrete; in the offices, asphalt tile. The roof is insulated. Fluorescent lighting is installed throughout. No heating is required in the Miami climate.

Architects for the project were Robert Law Weed and Associates, prominent in the Florida territory, and the contractor was Gust K. Newberg Construction Co.

McKesson & Robbins employs 110 workers in its Miami division, which serves retail drug and liquor outlets along the central and southeast coastal area of Florida. F. L. Capers is division manager; E. T. Peterson, sales manager of the liquor department.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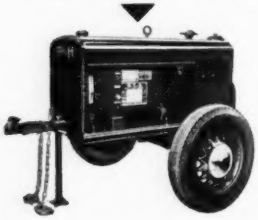

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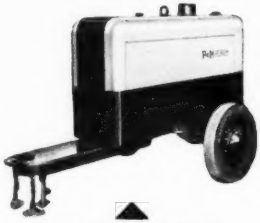

WN-300 range 30 to 375 amps water-cooled gasoline engine. This efficient unit available in 2 and 4-wheel mountings.

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# Southern Construction Projects

## ALABAMA

Costal Pipe Line Co., Birmingham, has filed application with Federal Power Commission for authority to pipe natural gas from Texas into Virginia.

**ALABAMA**—A bill introduced in the Alabama legislature proposes an amendment to the State Constitution to provide $80,000,000 in bonds for construction and reconstruction of public roads and bridges.

**ANNISTON** — Calhoun County Board of Education received low bid from Pettus Bannister, Anniston, $147,713 for additions and alterations to schools.

**AUGUSTA**—Woodruff Electric Cooperative let contract to Line Construction Co., Clarksdale, Miss., at $307,737, for 321 miles line.

**BIRMINGHAM** — Board of Trustees of Crippled Childrens Clinic let contract at $1,276,000 to Day & Richardson, 429 S. 24th St., for Crippled Childrens Clinic.

**BIRMINGHAM**—J. H. West has contract for Vanderbilt Garden, 118-unit apartment project.

**BIRMINGHAM**—Southern Dairies let contract to T. C. Brasfield, 3021 6th Ave., S., at $74,000 for additions and alterations.

**BIRMINGHAM**—Virginia Steel Co., let contract to Brice Building Co., 1021 2nd Ave., Birmingham, for building.

**BIRMINGHAM** — Jefferson County Commissioners, approved $10,000,000 bond issue for sewer improvements.

**CENTRE** — Cherokee County Board of Revenue will build activity building.

**DECATUR**—City Board of Education let contracts for the following schools: junior-senior high school, Forcum-James Co., 1489 Thomas, P. O. Box 237, Memphis, Tenn., $1,058,327; elementary school, F. N. Thompson, 72-11th St., Atlanta, Ga., $258,790.

**DOTHAN**—Osceola Construction Co., Pensacola, Fla., low bidder at $48,460, for Lafayette Street Methodist Church building.

**GADSDEN**—Horace Weaver, Swann Bldg., Birmingham, Archt., has plans completed for Presbyterian Mission.

**GADSDEN**—Etowah County received low bid from The Home Building Co., Alabama City at $255,933 for Etowah Health Center.

**GADSDEN**—Quality Laundry & Furrier, John J. Demy, let contract to Borders Construction Co., Gadsden for laundry and furrier.

**GREENSBORO** — Hale County Board of Education, let contract to W. F. Drewry, Carrolton, $66,461 for training school for negroes.

**MARION** — Perry County Commissioners let contract to S. J. Curry & Co., Albany at $155,850 for Perry County Hospital.

**MOBILE**—Isaac C. Forcheimer plans renovations to building, 171 Dauphin St., $157,500.

**MOBILE**—Ruberoid Co. let contract to J. P. Ewin, Inc., Mobile at $214,000 for mill building.

**MONTGOMERY**—St. Jude's Catholic Hospital let contract to Beers Construction Co., 70 Ellis St., N. E., Atlanta, Ga., for $1,000,000 Negro Hospital.

**MONTGOMERY**—St. Jude's Catholic Hospital let contract to Otis Elevator Co., 2310 Third Ave., N. Birmingham, at $53,000 for installation of elevators and dumbwaiters in hospital.

**MT. MEIGS** — Bear Lumber Co., 25 E. Jefferson, Montgomery, has contract for training school, $123,000.

**SELMA**—Dr. James F. Allison let contract to A. W. Tolbert, Selma at $50,000 for Clinic.

**TROY**—South Alabama Electric Cooperative let contract to G. R. Wood and Co., 711 Virginia St., Mobile, at $116,406 for 109.3 miles line.

**UNIVERSITY**—University of Alabama let contract to J. F. Holley, Birmingham, $299,937 for engineers building.

**WENONAH** — State Board of Education, Montgomery, plans trade school, $600,000.

## ARKANSAS

Corps of Engineers, Vicksburg, Miss., received low bids from Fordice Construction Construction Co., 42 Porter Bldg., Memphis, Tenn., $204,000, Parcel 1; Mississippi Valley Engineering & Construction Co. and Massman Construction 736 Alabama, Memphis, Tenn., $823,360, Parcel 2 and $987,000, Parcel 3 for Upper bank paving at several localities on banks of Mississippi River between mouth of Old River and mouth of Arkansas River, Inv. 227.

Corps of Engineers, New Orleans, La., let contract to Moss-Thorton Co., Inc., P. O. Box 127, Leeds, Ala., $2,346,376, for terrace section of Texarkana Dam and Reservoir project.

**CAMDEN**—Roy Daugherty and John Sanders plan ready-mix concrete plant.

**DELL**—Methodist Church, let contract to Stuck Brothers Lumber Co., Jonesboro, at $44,000 for educational building and auditorium.

**De QUEEN**—Dr. R. B. Dickinson erecting building to house 15-bed hospital and clinic.

**FAYETTEVILLE**—Willis W. Noll plans residence, $50,000.

**FAYETTEVILLE**—University of Arkansas plans $350,000 plant improvements, including $150,000 for remodeling.

**FOREST CITY**—Louis Cox has contract for addition to bank.

**GURDON** — S. I. Minton plans bonded cotton warehouse.

**HARRISON**—Harrison Chamber of Commerce to finance construction of new $100,000 building to house expanded plant of Oberman Garment Manufacturing Co.

**HEBER SPRINGS** — Mrs. O. B. Robbins plans frozen food locker plant.

**HELENA**—Corps of Engineers, Vicksburg, Miss., let contract to Weymouth Construction Co., 2174 Pearson Ave., Memphis, Tenn., for pouring 24,000 concrete units near Helena, on Mississippi River for bank revetment work.

**LITTLE ROCK**—State Education Commissioner to outline need for $50,000,000 school construction.

**LITTLE ROCK**—State Highway Commission, let contracts for projects in following counties:

**White**—11 mi. grading, drainage structures and concrete paving on hwy. 67; J. B. Michael Co., 1021 Heywood, Memphis, Tenn., $676,000.

**Monroe**—7 mi. grading, gravel base and bituminous surface on hwy. 79; S. M. Doxon Co., Warren, $324,000.

**Woodruff**—275 ft. reinforced concrete and steel bridge at Cache River, hwy. 38; W. C. Burrow Co., Malvern, $40,000.

**Hempstead**—10 mi. grading, gravel base and bituminous surface and 2 bridges, Hwy. 4; R. H. Davis Co., Stamps.

**Lonoke**—8 mi. grading, gravel base and bituminous surface and 4 bridges; Ben Hogan, 1100 Fairview, Little Rock, $370,723.

**Columbia** — 11 mi. grading, flexible base course and bituminous surface on Louisiana Line North Rd.; R. H. Davis Co., Stamps, $110,895.

**Mississippi**—3.4 mi. grading, gravel base and bituminous surface on Marie-Keiser Rd.; Bucton Construction Co., Hazen, $106,370.

**LITTLE ROCK**—State Highway Commission received low bid from Forcum-James Co., Dyersburg, Tenn., $143,850, for 10 bridges, Conway-Last Rd.

**LITTLE ROCK**—Chamber of Commerce, Gazette Bldg., plans erection of curb market, $600,000.

**LITTLE ROCK**—Little Rock Housing Authority plans 100 white rental housing units and 500 Negro low-rent housing units.

**LITTLE ROCK**—Glenwood School District plans new agricultural building.

**MAGNOLIA** — Magnolia Public Schools plans $35,000 gymnasium.

**MENA**—Rich Mountain Electric Cooperative let contract to Killoren Electric Co., 116 S. Superior St., Appleton, Wisc., at $95,504 for 83.84 miles line.

**NEWPORT**—Farmers Electric Cooperative Corp., W. B. Huff, Chmn., Board of Trustees, plans administration and headquarters building.

**NORTH LITTLE ROCK** — North Little Rock Housing Authority, Lawrence Berger, Director, plans 93-unit Negro housing project; $500,000.

**OZARK**—Arkansas Valley Electric Cooperative Corp. let contract to B. B. Winsett, Memphis, Tenn., at $154,858, for 123.77 miles line.

**SALEM**—North Arkansas Electric Cooperative, Inc. plans 344.5 miles line.

## DISTRICT OF COLUMBIA

**ANACOSTIA**—Navy Department let contract to Dee Cee Roofing Co., Washington, for repairs to roof, Bldg. 168, NAS; Spec. 22949.

**WASHINGTON** — District Commissioners let contract to Otis Elevator Co., 810 18th St., Washington, $38,765, for elevators at Howard University.

**WASHINGTON**—Board of Education let contract to W. M. Chappell, Inc., 1219 Good Hope Rd., SE, for three school projects; addition to heating plant and four classrooms at Sutland Elementary at $58,369; additions to Oxon Hill Negro Elementary School, $28,000 and District Heights Elementary School, $80,834.

**WASHINGTON**—American Legion, Washington Headquarters, 1608 K Street plans Headquarters building at 1608 K St., N.W.

**WASHINGTON**—Greeley and Hansen, 220 S. State, Chicago, Ill., Consit. Engrs., plans Sewage Treatment Plant to convert sewage sludge to fertilizer for farm use.

**WASHINGTON** — Public Buildings Administration, let contract to Helsing Brothers, Washington at $80,700 for constructing roads and grading in loop portion west half grounds, National Arboretum.

**WASHINGTON** — District Commissioners let contract to Cramer Vollmerhausen Co., 2601 Conn. Ave., Washington, D. C., $1,338,100 for womens dormitory at Howard University.

**WASHINGTON** — District Commissioners let contract to Joseph F. Nebel Co., 2142 P St., N. W., at $1,512,400 for new combined pediatrics-crippled children's building, Gallinger Hospital; Otis Elevator Co., 810 18th St., N. W., has contract for installation of four elevators and a dumb waiter.

**WASHINGTON** — Public Buildings Administration let contract to Lee T. Turner, 3616 14th, N. W., at $55,770 for power plant, alterations to buildings 6 and 7.

**WASHINGTON**—Marjorie Webster Junior College, 7775-17th St., N. W., received low bid from Martin Brothers, 1609 Conn. Ave., N. W., Washington, for dormitory.

**WASHINGTON** — Board of Education let contract to B. & J. Construction Co., $110,265, for multipurpose addition to Ager Road Elementary School.

**WASHINGTON** — Public Buildings Administration let contract to Haughton Elevator Co., Washington at $50,650 for replacing obsolete elevators, Post Office.

**WASHINGTON** — John W. McLeod, Anthony Ferrara, 1830 Jefferson Place, Washington, Archts., plans North Fairlington Elementary School.

**WASHINGTON** — Public Buildings Administration let contract to Jack L. Bender Co., Washington at $312,448 for temporary buildings 3, 4, 5, exterior painting.

**WASHINGTON** — U. S. Engineer Office let contract to Lee T. Turner Construction Co., 3616 14th, N. W., at $437,736 for conversion of WAC building 7, Walter Reed Hospital; Inv. 164.

**WASHINGTON** — Senate Appropriations Committee voted a $50,000 master plan study for District slum clearance.

**WASHINGTON**—U. S. Engineer Office let contract to Blackwell Engineering Co., 1617 N. Buchanan, Arlington, Va., at $354,736 for wave tank and coast model basin, Beach Erosion Board.

## FLORIDA

Florida Power and Light Co. sold $10,000,000 first Mortgage 30-year bonds to group headed by Carl M. Loeb, Rhoades and Co. and Bear, Stearns & Co.

**AUBURNDALE** — Polk County Board of Public Instruction, received low bid from Albert Haworth, 1103 Eva, Tampa, $91,859 for elementary school.

**BAY HARBOR**—Best Builders, Inc., 9665 Bay Harbor Terr. plan ten residences, 1251-1311 100th St.; $87,150.

**BOCA RATON**—Bonn-Mugler plans tourist court.

**CHATTAHOOCHEE** — Florida State Improvement Commission, Walter E. Keyes, Dir., Tallahassee, let contract at $462,967 to Greenhut Construction Co., Pansacola, for additions and alterations to General Hospital.

**CHATTAHOOCHEE** — Florida State Improvement Commission, Tallahassee, let contract to Harry Pepper, Jacksonville at $128,160 for installation of Boiler No. 6, Florida State Hospital.

**CORAL GABLES** — George Gravatt, 1935 SW 19th St., Miami plans office and storage building.

**CORAL GABLES**—Dr. Charles Rhyon plans office building, Coral Way & Douglas Road.

**CORAL GABLES**—Board of Public Instruction, Dade County, Miami, let contract to Edward M. Fleming Construction Co., 3304 N. Miami Ave., Miami, $1,161,053, for high school, 400 Bird Road.

**CORAL GABLES** — Samuel T. Jones, 340 Mendoza Ave., plans apartment building, 354 Mendoza Ave.; $35,000.

**CORAL GABLES**—Alvin Builders Supply Co., 902 SW 69th Ave., Miami plans apartment building, between Dixie Hwy. and Industrial Ave.; $36,000.

**CORAL GABLES**—East Ponce Apartments, Inc., 132 Aragon Ave., let contract to Porter-Wagor-Russell, Inc., 132 Aragon Ave., for apartment building, E. Ponce de Leon Blvd. and Phoenetia Ave.; $92,000.

**CORAL GABLES** — Henry Hodiewicz let contract to Ralph Yero, Renuart Arcade, for apartment building, 25 Salamanca Ave.

**CORAL GABLES**—Florida Baptist Convention let contract to A. Niles Whyte, 1103

(Continued on page 16)

# Southern Construction Projects

## FLORIDA

(Continued from page 15)

Libbon St., Coral Gables, $66,718 for Baptist students center for University of Miami.

**DADE COUNTY**—L. & L. Roofing Co., Inc., 755NW 143rd St., Miami, plans buildings, 767 NW 143rd St. and 766 NW 144th St.; $42,-840.

**DADE COUNTY**—F.-Thirty One, Inc., let contract to Gaines Construction Co., 3211 N. W. 27th Ave., Miami, for 30 dwellings, N. W. 139th and N. W. 140th Sts., $166,500.

**DADE COUNTY** — Farsouth Growers Cooperative Association, Goulds, plans storage shed, Dixie Highway, $70,000.

**DADE COUNTY**—Board of Commissioners of Dade County, Miami, let contract to Frank J. Rooney, 5880 N. E. 4th Ave., Miami, for addition to terminal building; Miami International Airport, N. W. 36th Street Airport, $91,400.

**DADE COUNTY**—Seaboard Airline Railway, Norfolk, Va., contemplates railway shops and warehouses.

**DAYTONA BEACH** — Atlantic National Bank received low bid, $91,400 from Carlson Construction Co. for bank building.

**DADE COUNTY**—Flamingo Village Apartments, Inc., 9301 NW 17th Ave., Miami, let contract to Miami Park Development Corp., 8901 NW 17th Ave., Miami, for 18 apartment buildings, NW 93rd-95th and NW 14th Ave., Little River Dr.

**FLORIDA** — State Road Department, received low bids for projects in following counties:

**Desoto**—Proj. No. S-5(2); L. L. Hall Construction Co., Orange Park, $294,594.

**St. Johns**—Proj. No. S-22(1); L. L. Hall Construction Co., Orange, $110,506.

**Indian River**—Proj. No. S-192(2); Cruze & Young, Inc., Vero Beach, $134,663.

**Hendry** — Proj. No. S-225(1); Hardee-Walker Construction Co., 303 E. Baker, Plant City, $82,445.

**Holmes**—Proj. No. S-230(1); A. B. Covell, Defuniak Springs, $93,473.

**Collier**—Proj. No. S-266(1); Brinson Construction Co., 51st St. & Broadway Ave., Tampa, $183,076.

**Jackson** — Proj. No. 5307-110; Coggin & Deermont, Chipley.

**Okaloosa**—Proj. No. 5710-106; A. B. Covell, Defuniak Springs.

**Palm Beach** — Proj. No. 9375-112; R. H. Wright & Son, Inc., 1050 NE 5th Terrace, Fort Lauderdale, $120,970.

**Citric, Marion and Orange**—Proj. No. 0201-902, CO-3601-903 and CO-7505-901; W. L. Cobb Construction Co., 1102 N. 22nd St., Tampa.

**Columbia**—Proj. No. 2902-101; Duval Engineering & Contracting Co., 1746 E. Adams St., Jacksonville, $143,016.

**Osceola**—Proj. No. 9211-101; Polk Construction Co., Lakeland, $52,515.

**Palm**—Proj. No. 9375-106 & 108; Rubin Construction Co., 15th St., West Palm Beach, $68,246.

**FORT LAUDERDALE** — Fort Lauderdale Womens Club let contract to George Young, for club building addition, corner South Andrews Ave. and SE 1st St.

**FORT LAUDERDALE**—E. H. Barnes and Assocs., 4 North Federal Hwy., will build apartment building.

**FORT LAUDERDALE** — Mrs. Lempi will build six-unit apartment building, Isle of Venice, No. 15; $40,000.

**FORT LAUDERDALE**—Kenneth Bacheller plans apartment building, Lauderdale Beach.

**FORT LAUDERDALE** — Broward Hotel, 304 S. Andrews Ave., plans hotel addition.

**FORT LAUDERDALE**—First Federal Savings and Loan Association, 301 E. Las Olas Blvd., let contract to Anaconda Construction & Engineering Co., 303 E. Las Olas Blvd., for store addition.

**FORT LAUDERDALE**—City plans Youth Center, Sea Breeze Ave.

**FORT LAUDERDALE**—Broward General Hospital Commission plans hospital addition, S. E. 2nd Ave. & 16th St.

**FORT LAUDERDALE**—Covenant Presbyterian Church plans church, N. E. 26th St.

**FORT LAUDERDALE**—J. S. Hunt, 716 N. E. 6th Ave., plans office addition.

**FORT LAUDERDALE**—Charles S. Levine plans apartment building, 3 units, N. E. Ocean Blvd.

**FORT LAUDERDALE**—Zeffert & Kanter plans store, N. Andrews Ave.

**FORT LAUDERDALE** — C. Nykiel, 4236 SW 9th St., Miami, plans apartment, 2904 NE Ocean Blvd.

**FORT LAUDERDALE**—William Ramsdell, 1109 E. Las Olas Blvd., let contract to F. M. Rule and Co., 2809 North Atlantic Blvd., for apartment addition.

**FORT LAUDERDALE**—J. H. Hill plans dance hall, NW 6th St., and NW 15th Ave.

**FORT LAUDERDALE** — Robert Wolfe plans remodeling existing office building, NW corner East Las Olas Blvd. and 10th Terr., for hotel and store.

**FORT LAUDERDALE**—Carl A. Peterson, 603 NE 17th Way, plans duplex, 604-606 NE 17th Way.

**FORT LAUDERDALE** — All Saints Episcopal Church, 15 SE 1st Ave., let contract to Bush and Parsons, 1009 Ponce de Leon Dr., for church, 333 Tarpon Dr.; $111,500.

**FORT LAUDERDALE**—F. E. Ritzenheim, 536 Antioch Ave., plans apartment building, Antioch Ave.

**FORT MYERS** — Lee County plans new County Jail, $130,000 and $60,000 for equipment.

**FROSTPROOF** — Polk County Board of Public Instruction let contract to Templin's Inc., Lakeland, $148,827 for elementary school.

**HALLANDALE**—Gulfstream Park Racing Association, Inc., James Donn, Pres., contemplates clubhouse, $500,000.

**HIALEAH**—American Legion Post 32 plans Hall, Palm Ave. and 17th St.

**HIALEAH** — George D. Moffat, 1764 NW North River Dr., Miami, Engr., plans 24 residences.

**HOLLYWOOD** — Louis Greenfield, 714 Hollywood Blvd., plans apartment building, 2415 North Surf. Road.

**HOLLYWOOD** — John Zivelli, P. O. Box 1779, plans two residences, 2601-2609 Hollywood Blvd.

**HOLLYWOOD** — Mrs. M. K. Garson and Philip Frankel let contract to Hatton Brothers Construction Co., 930 N. 16th Ct., for duplexes, 3411 and 3415 N. Surf Rd.

**HOLLYWOOD**—August Tobler, 11806 Biscayne Blvd., Miami, plans five residences, Wiley St. and 15th Ave.

**HOLLYWOOD**—E. V. Cloud let contract to Scherer Construction Co., 2434 McKinley St., for duplex at 302-302 Balboa St.; $36,126.

**JACKSONVILLE**—Navy Department, Officer in Charge of Construction, let contract to McMains & Co., New Kings Road, Jacksonville at $57,860 for steam distribution system.

**JACKSONVILLE**—Navy Department, Officer in Charge of Construction, received low bid from G & G Construction Co., 1203 La Rue, Jacksonville, for erection of Quonset buildings, Naval Air Station.

**JACKSONVILLE**—H. W. Lay and Co., Inc., 173 Blvd., N. E., Atlanta, Ga., let contract to Ira H. Hardin, Zahner Bldg., Atlanta, Ga., for $100,000 plant, for production of potato chips and other food products.

**JACKSONVILLE**—Tropical Drive-In Theatres, Inc., Normandy Drive-In Theatre plan Drive-In Theatre on New Beach Road, $150,-000.

**JACKSONVILLE** — Navy Department let contract to Moore Pipe & Sprinkler Co., 1220 W. State St., Jacksonville at $58,546 for sprinkler system.

**LAKE CITY**—Board of Commissioners of Columbia County plan court house addition and jail, $175,000.

**MIAMI**—I. L. Mintzer, 1118 NE 2nd Ave., will build four apartment buildings, NW 8th St.

**MIAMI**—Dr. W. F. Ganvard, 1512 Congress Bldg., let contract to Maurer Construction Co., 2531 NW 2nd Ave., for 38-room hotel, 216 NE 3rd St.; $130,000.

**MIAMI**—Cole Manors Inc., 7920 Hawthorne Ave., Miami Beach, will build 40-unit apartment building, 950 SW 6th St.; $90,000.

**MIAMI**—First National Bank of Miami, 101 E. Flagler St., let contract to Witters Construction Co., 1454 NW 17th Ave., Miami, for alterations to lobby of bank.

**MIAMI**—Dr. H. I. Kendrick, 1312 Biscayne Blvd., will build apartment building at 6320 Biscayne Blvd.

**MIAMI** — West Flagler Baptist Church, Building Committee, 3501 West Flagler St., let contract to Witters Construction Co., 1454 NW 17th Ave., Miami, for church.

**MIAMI** — Dade County Water and Sewer Board let contract to Delgaard and Preston Builders, 264 Giralda Ave., Coral Gables, $49,867, for warehouse, grading & paving of roads; Galloway Road.

**MIAMI**—American Red Cross let contract to Frank J. Rooney, 5880 NE 4th Ave., Miami, $115,606 for Red Cross Building, Biscayne Blvd. & 53rd St.

**MIAMI** — Allpattah Baptist Church will build Sunday School, chapel and library, 1728 NW 34th St.; $300,000.

**MIAMI**—William Mechlowitz, 927 Lincoln Rd., Miami Beach, will build apartment buildings, NW 1st Ct.

**MIAMI**—A. & B. Pipe & Steel Co., 454 & 458 N. W. 5th St., let contract to Spector & Sons, 575 S. W. 22nd Ave., Miami, for storage shed addition, 460 N. W. 5th St., at $29,100.

**MIAMI**—Mahi Shrine, 471 N. W. 3rd St., let contract to Joseph G. Moretti, Inc., 2401 N. W. 7th St., for swimming pool, 1825 N. W. 28th St., $40,000.

**MIAMI**—Frank Erdos, 6930 Biscayne Blvd., let contract to Avant and Grubbs, Inc., 227 Seybold Bldg., for garage and apartment addition.

**MIAMI**—Caro Building Corp., 2121 SW 22nd Ave., will build 14-unit apartment building, 2360 SW 22nd St.; $40,000.

**MIAMI** — Glenn Young, 1719 N. W. 10th Ave., plans store, N. W. 10th Ave. between 17th & 18th Sts.

**MIAMI**—Board of Public Instruction, Dade County, let contract to Hamilton Construction Co., 7541 NE 3rd Place, Miami, $139,807, for addition to Dorsey High School, 7100 NW 17th Ave.

**MIAMI**—Baker-Sturdivant Co., let contract to Mulford Stow, 2117 N. W. 17th Ave., Miami, for office building, N. W. Corner N. W. 12th Ave., and 23rd St.

**MIAMI**—A. E. Merkle, 9310 SW Ludlum Rd., South Miami, plans Airways Theater, 4th St. and Leleune Rd.

**MIAMI**—J. Morgan Jones, 41 NW 35th St., will build motel, 3620 NW 1st St.

**MIAMI** — Thomas Walker, 1163 NW 3rd Ave., plans ten-unit apartment building, 1810 NW 3rd Ct.

**MIAMI**—Custard King Sales Co. of Florida, Inc., 76 NW 79th St., plans addition to store, 76 NW 79th St.

**MIAMI**—Louis Sokol received low bid from Hodgman-Merritt, 1525 San Rafael Ave., Coral Gables, for residence, North Venetian Dr.; $40,600.

**MIAMI**—C. E. Konneker, 1781 NW 94th St., will build 22-unit apartment building, 510 NE 78th St.; $60,000.

**MIAMI**—E. DeBoliac, 3243 SW 1st Ave., let contract to O. K. Lightfoot, 847 NE 125th St., North Miami, for warehouse, NW 29th St. and 5th Ave.

**MIAMI**—J. P. Turk, 128 NW 12th Ave., let contract to Sunland Construction Co., 408 Seybold Bldg., for office building, 128 NW 12th Ave.

**MIAMI**—Villa D'Este Corp., 800 NE 2nd Ave., let contract to Spector & Sons, 575 SW 22nd Ave., $36,500 for addition to commercial building, 812 Biscayne Blvd.

**MIAMI**—Frieda Soloman plans apartment and store.

**MIAMI** — Sunshine Biscuits, Inc., E. E. Walton, 36 N. E. 21st St., let contract to Goll & Posey, 7330 N. E. 4th Court, for warehouse, 7200 N. E. 4th Court.

**MIAMI**—Board of Public Instruction, 275 NW 2nd St., received low bid from E. E. Collins Contracting Co., 2175 SW 32 Ave., Miami, for storm drainage system, for Riverside Elementary School.

**MIAMI**—Bayshore Terrace Corp., 350 Lincoln Rd., plans 142-room hotel, Biscayne Blvd., and N. E. Fourth St.; $1,000,000.

**MIAMI**—Dade County Board of Public Instruction, 275 NW 2nd St., let contract to George Feltham, 123 Muertes Ave., Coral Gables, $64,563 for warehouse and office, 41st St. and 29th Ave.

**MIAMI**—Board of Public Instruction, Dade County, let contract to Bradford Builders, Inc., 1101 Lincoln Road Bldg., Miami Beach, $310,936 for New Edison Elementary School, 500 NW 67th St.

**MIAMI**—Ro-Ed Corp. plans warehouse and store building, 2501 NW 37th St.

**MIAMI**—Homecraft Corp., 2870 SW 36th Ave., plans ten residences.

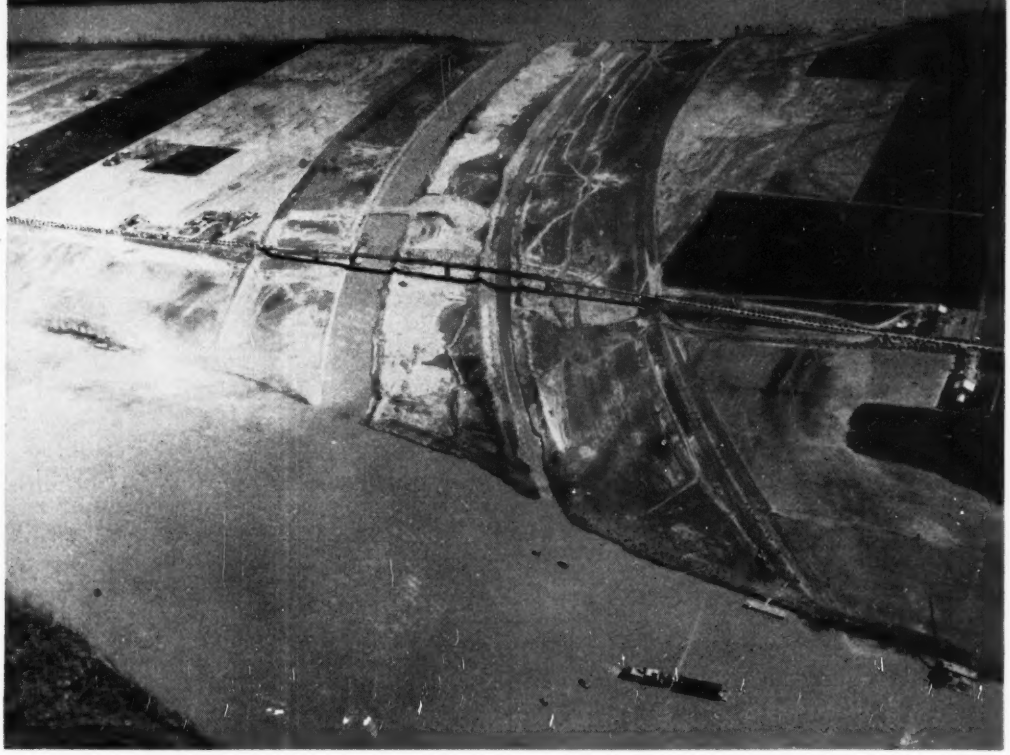
**MIAMI**—H. F. Schuessler, 1163 NW 3rd Ave., will build apartment buildings, 921 NW 3rd Ave.; $40,000.

**MIAMI** — Thomas Walker, 1163 NW 3rd Ave., plans apartment building, 1870 NW 3rd Ct.

**MIAMI** — Allen-Parker Co., 806 Biscayne Blvd., Miami, received low bid, $69,878 from Frank J. Rooney, 5880 NE 4th Ave., for commercial building, 1225 NW 36th St.

**MIAMI**—E. J. M. Investment Co., C. S. Church, 28 NE 41st St., will build apartment, 331 NE 54th St.

**MIAMI**—McArthur Jersey Farm Dairy received low bids for dairy plant and garage, 6800 block N. E. 2nd Ave., from Fred Howland, Inc., 1451 N. W. 20th St., at $2,098 on Bid A, clearing and grading; Bid B at $498,-999 for main dairy building; Bid C at $29,411 for garage building; Bid D at $18,450 for paving and walks; Bid E at $14,116 for site drainage; Bid F at $31,445 for disposal plant;



***Above—The Liberty Bend Cut-Off constructed downstream from Kansas City, Mo. to eliminate a U-shaped curve in the Missouri River. Shortening the stream by 4.7 miles, the project was unique in that it involved construction of a 1800-foot bridge over dry land and diverting the water under the new structure.***

Bid G at $3,823 for block wall fence; Bid H at $897 for wire fence; Bid J at $2,258 for signs and Bid K at $1,375 for underground sprinkler system.

**MIAMI**—Villa D'Este Corp., 800 NE 2nd Ave., let contract to Spector and Sons, 575 SW 22nd Ave., for hotel addition, 249 NE 8th St.; $50,000.

**MIAMI**—O'Neill Properties, 1163 NW 3rd Ave., plans apartment buildings, 1516-20 NW 1st Ct.

**MIAMI**—City Commission, O. P. Hart, City Mgr., received low bid from Joseph G. Moretti, Inc., 2401 N. W. 7th St., Miami, at $188,962 for second addition to Miami Orange Bowl Stadium, 1500 N. W. 3rd St.

**MIAMI**—Sears, Roebuck & Co., 1300 Biscayne Blvd., let contract to Conditioned Air Corp., 70 NE 39th St., for installation of air conditioning system; $75,000.

**MIAMI**—Z. Tyll plans duplex at 5200 block North Miami Ave.

**MIAMI**—Board of Public Instruction, 275 NW 2nd St., let contract to Gunite Florida Service, Inc., 4063 Ponce de Leon Blvd., Coral Gables, for exploration sounding or chipping, sandblasting and gunite work, for Miami Senior High School, 2450 SW 1st St.

**MIAMI**—Kathleen Jacobs, 511 NE 69th St., plans residence, NW 34th Ave. and 4th Terr.

**MIAMI**—Alvin Builders Supply Co., 902 SW 69th Ave., plans 12-unit apartment building, Dixie Hwy.

**MIAMI**—K. Lawson let contract to John J. Ross, 1475 NW 5th Pl., for residence, NW 17th Ave. and 64th St.

**MIAMI**—Highland Park Baptist Church, Rev. Q. A. Cooper, 2351 NW 14th St., plans church addition, 800 NW 14th St.

**MIAMI**—City Commission, O. P. Hart, City Mgr., let contract to Joseph G. Moretti, Inc., 2401 N. W. 7th St., Miami, for second addition to Miami Orange Bowl Stadium, 1500 N. W. 3rd St.

**MIAMI**—The Roper Corp. received low bid, $114,000 from Taylor Construction Co., Rt. 1, P. O. Box 180, Miami, for store building, SE 3rd Ave. and Flagler St.

**MIAMI**—J. Morgan Jones, 41 NW 35th St., erect apartment building, 3620 NW 1st Ave.

**MIAMI BEACH**—Morris Bauman, 1235 Collins Ave., let contract to King Construction Co., 420 Lincoln Road, Suite 238, for 20-unit apartment building, 1428 Collins Ave.; $61,500.

**MIAMI BEACH** — Theodore Layton, 125 South Shore Dr., let contract to Shinn Construction Co., 12345 W. Dixie Hwy., North Miami, for apartment building, 117 South Shore Dr.; $57,000.

**MIAMI BEACH** — Y. Linger, 420 Lincoln Rd., let contract to Giller Contracting Co., Inc., 523 Michigan Ave., for apartment, Pennsylvania Ave.; $120,000.

**MIAMI BEACH**—Helmina Building Corp., 1800 James Ave., let contract to Jack Whitman, 1510 SW 8th St., Miami, for apartment, 3003 Indian Creek Dr.; $95,000.

**MIAMI BEACH**—Sun "N" Sea, Inc., 3101 Collins Ave., let contract to Taylor Construction Co., Rt No. 1, P. O. Box 180, Miami, $1,250,000 for hotel, 3101 Collins Ave.

**MIAMI BEACH**—Euclid Corp., 350 Lincoln Road, let contract to Leifert Construction Co., 350 Lincoln Road, $50,000 for 14 unit apartment, Euclid Ave. and Lincoln Rd.

**MIAMI BEACH**—Park View Holding Corp., 1925 Washington Ave., Miami Beach, let contract to City Construction Corp., 150 NW 73rd St., Miami, $140,000 for apartment, 1925 Washington Ave.

**MIAMI BEACH**—Samuel Hyman has preliminary plans, 60 unit apartment building, S. E. corner of 40th St. and Indian Creek Drive.

**MIAMI BEACH**—Coronado Hotel, Sam Lipton and Assocs., let contract to Arkin Construction, Inc., 1827 Purdy Ave., for three cabana buildings and swimming pool at 8700 block Collins Ave.; $94,672.

**MIAMI BEACH**—Hyman Deutsch will build six-unit apartment, Meridian Ave.

**MIAMI BEACH** — City received low bid from Richard E. Vaughan, 2420 SW 4th St., Miami, for sanitary sewer improvements, districts, SR-487-SR-488.

**MIAMI BEACH**—Harry Schiff, 420 Lincoln Road, let contract to Giller Contracting Co., Inc., 523 Michigan Ave., for apartment, 1163 Normandy Dr.; $40,000.

**MIAMI BEACH**—H. Ginsburg plans 12-unit apartment building, 1500 block Jefferson Ave.

**MIAMI BEACH**—Eastern Construction Co., 7580 Harding Ave., plans two apartment buildings, Harding Ave.; $60,000.

**MIAMI BEACH**—2081 Meridian Corp. let contract to Kahn and Albert, Inc., 420 Lincoln Rd., for apartment building, 2081 Meridian Ave.; $65,000.

**MIAMI BEACH** — Sans Souci Hotel, 3101 Collins Ave., let contract to Westinghouse Electric Corp., 139 NE 1st St., Miami, for installation of three passenger elevators in existing hotel building; $70,000.

**MIAMI BEACH**—Dubza Realty Corp. let contract to Maurer Construction Co., Inc., 46 NE 6th St., Miami, for 16-unit apartment building, 1609 Pennsylvania Ave.; $90,000.

**MIAMI BEACH**—Food Fair Stores, Inc., let contract to Arkin Construction Co., Inc., 1827 Purdy Ave., for chain grocery store building, southeast corner Alton Rd. and 19th St.

**MIAMI BEACH**—Gilbert Fein, 1370 Washington Ave., plans building addition, Lincoln Rd. and West Ave.

**MIAMI BEACH**—Gilbert Fein, Archt., 1370 Washington Ave., plans seven-unit apartment building, Calais Dr.

**MIAMI BEACH** — Bel-Aire Hotel let contract to Allied Construction Co., 7317 Collins Ave., for hotel and restaurant building, 6527 Collins Ave.; $300,000.

**MIAMI BEACH**—Miami Beach First National Bank, 1651 Alton Rd., received low bid from Conditioned Air Corp., 70 NE 39th St., Miami, for air conditioning system in proposed bank building addition, 1651 Alton Rd.

**MIAMI BEACH**—Gilbert Fein, Archt., 1370 Washington Ave., received low bid, $78,973 from Ludwig Brothers, Inc., 1240 Normandy Dr., for three apartment buildings.

**MIAMI BEACH** — Edward Greenwood let contract to Royal Builders, Inc., 324 S. Shore Dr., for two residences, 787-797 Shore Dr., South.

**MIAMI BEACH**—Spring Corp., 1118 N. E. 2nd Ave., Miami, plans apartment building, 7207-7227 Bay Dr.; $120,000.

**MIAMI SHORES**—Dade County Board of Public Instruction let contract to Zaret Construction Corp., 1901 West Ave., Miami Beach, $74,990, for addition to elementary school, Miami Shores Elementary School, 500 NE 103rd St.

**MIAMI SHORES VILLAGE**—Miami Shores Baptist Church, 9822 NE 2nd Ave., received low bid from Chalker Construction Co., 343 SW N. River Drive, Miami, $115,000 for church and Sunday school; NE 4th Ave. and Grand Concourse.

**MIAMI SPRINGS** — Marvel Construction Co., 2848 NW 27th Ave., Miami, will build

**(Continued on page 18)**

# Southern Construction Projects

## FLORIDA

(Continued from page 17)

eight residences, 548-49-64-65-72-73-88-89 Miller Dr.

**NORTH MIAMI**—Sadowsky Corp., 555 NE 125th St., plans 30 residences, NE 131st St., NE 132nd St.; NE 11th Ave.; and NE 12th Ave.

**NORTH MIAMI**—G. R. Nichols let contract to O. K. Lightfoot, 847 NE 125th St., for store at 12510 NE 7th Ave. and 689 NE 125th St.

**NORTH MIAMI**—F-Thirty Once, Inc., let contract to Gaines Construction Co., 3211 NW 27th Ave., Miami, for 33 residences.

**NORTH MIAMI**—Ann Apartments, Inc., let contract to Nichols Construction Co., 13700 N. W. 7th Ave., North Miami, for 53 dwellings, N. W. 5th Ave., N. W. 5th Place, N. W. 6th Ave., N. W. 6th Court and N. W. 137th St.; $337,875.

**NORTH MIAMI**—Royal Palm Homes, Inc., 725 NW 133rd St., plans 34 residences, NW 133rd St. and NW 7th and 10th Ave.

**NORTH MIAMI**—J. E. Sulzner, 5445 NW 5th Ave., Miami, plans residence.

**NORTH MIAMI**—August Tobler, 11806 Biscayne Blvd., Miami, plans 16 residences NE 8th Ave., to NE 9th Ave., between 127th and 128th Sts.

**NORTH MIAMI**—DeMeo Construction Co., 13377 W. Dixie Hwy., will build six residences, 1300-05-25 NE 130th St.

**PALATKA**—Hudson Pulp and Paper Corp., Anton Lund, Pres., 220 E. Forty-second St., New York, is constructing $444,000 warehouse; Hillger & Loven, Jacksonville, Gen. Contrs.

**PALM BEACH** — George James, 445 28th St., West Palm Beach, plans nine-unit apartment building, Inlet Way; $40,000.

**PANAMA CITY**—Southern Bell Telephone & Telegraph Co., of Atlanta, Ga., let contract to Henry C. Beck Co., 1st National Bank Bldg., Atlanta, Ga., for dial and toll office.

**PENNEY FARMS** — Christian Herald let contract to Hillyer and Lovan, 666 Dyal St., Jacksonville, for dormitory, $1,000,000.

**PENSACOLA**—Navy Department let contract to Dyson & Co., Pensacola at $217,759 for adding H-2, electric service modification, Bldg. 1500, Naval Photo School, NAS; Spec. 22510.

**PLANT CITY**—Board of Public Instruction let contract to Paul Smith Construction Co., Tampa, $189,300 for Plant City High School.

**POMPANO BEACH**—Sea Ranch Hotel, Rt. A1A, let contract to Wilbur L. Kroetz, 534 NE 6th Ave., Fort Lauderdale, for hotel addition; $38,313.

**POMPANO BEACH**—Mrs. W. S. Gallagher, 1920 N. Ocean Blvd., plans apartment buildings, 1920 N. Ocean Blvd.

**POMPANO BEACH**—Department of Public Health plans office building.

**SLAVIA**—St. Luke's Christian Day School let contract to Hiegel-Duke Construction Co., Winter Park, $38,330 for school.

**SOUTH MIAMI**—Charles T. Fuchs plans shopping center; $2,000,000 to $5,000,000.

**ST. PETERSBURG**—Navy Department let contract to R. E. Clarson, Inc., St. Petersburg at $68,485 for Naval Reserve Training Center Addition.

**SURFSIDE**—Gilbert Properties, Inc. let contract to Bradford Builders, Inc., 1101 Lincoln Road Bldg., Miami Beach, for eight-unit apartment building, Collins Ave.

**TALLAHASSEE** — J. A. Stripling and Assoc., Archts., received low bid, $380,218 from Stoves and Gandy for commercial building and stores.

**TAMPA**—Corps of Engineers, Post Office Bldg., P. O. Box 889, Savannah, Ga., let contract to Henry A. Ivey, 569 Plum St., N. W., Atlanta, for family quarters, MacDill Air Force Base; $529,278.

**TAMPA**—Corps of Engineers, Post Office Bldg., P. O. Box 889, Savannah, Ga., let contract to C. T. Dawkins, Contractor, 420 S. Rome Ave., Tampa, at $99,789, for outside utilities, MacDill Base Family Quarters.

**TAMPA**—All Southern Realty Co. of Florida let contract to Chester Mabry Construction Co., 1529 Grand Central Ave., P. O. Box 806, for warehouse addition, 812 Zach St.

**TAMPA**—Grain Processing Corp., Muscatine, Iowa, will construct grain elevator and docks.

**WEST PALM BEACH**—Navy Department let contract to Anaconda Construction & Engineering Co., Fort Lauderdale at $50,825 for addition to Naval Reserve Training Center.

**WEST PALM BEACH**—Orange State Oil Co., 520 N. W. 11th Ave., Miami, plans service station.

**WEST MIAMI**—Food Fair Stores, Inc., M. Louis Plaks, 50 N. W. 14th St., Miami, plans store, TaMiami Trail and S. W. 58th Ave.

## GEORGIA

**ALAMO** — Little Ocmulgee Electric Membership Corp. has REA loan, $160,000 for 40 miles line.

**ATLANTA**—Young Men's Christian Association, 22 Butler St., received low bid, $61,000 from Tri-State Construction Co., 114 Ellis St., N. E., for addition.

**ATLANTA** — W. B. Johns, 542 Moreland Ave., S. E., has contract for alterations and additions to Inman Park Presbyterian Church.

**ATLANTA**—Central Presbyterian Church let contract to Wey-Leonard Construction Co., 200 Alexander St., N. W., for new chapel, revision to chancel and elevator.

**ATLANTA**—Board of Education let contract to Concrete Builders, Inc., 774 Spring St., Atlanta, for addition to Henry Grady High School.

**ATLANTA**—City let contract to A. H. Satterwhite, 256 Hightower Road, N. W., at $86,500 for recreation building for Negro Park.

**ATLANTA**—Veterans Administration, Gen. Carl R. Gray, Jr., Administrator, approved purchase of Briarcliff Road Estate, as site for a 500-bed Hospital, $9,000,000; will be supervised by the staff of Emory University School of Medicine.

**ATLANTA**—Fulton County and City, received low bid from M. J. Carroll Contracting Co., Leesburg, Fla., $623,130, for West By-Pass, North Ave. to Peters St.

**ATLANTA** — State Highway Department, received low bids for projects in following counties:

**Bartow**—Fed. Aid Proj. No. F-018-1(1), 8.137 mi. widening and resurfacing present pavement on Cartersville to Fairmont Rd.; M. J. Carroll Contracting Co., Leesburg, Fla., $257,106.

**Catoosa and Walker**—Fed. Aid Sec. Proj. No. S-861(2), 8.409 mi. grading, base and surface treatment, also 1 bridge on Ringgold to Lafayette Rd.; Southland Construction Co., Toccoa, Ga., $203,938.

**Putnam and Hancock**—Fed. Aid Proj. No. F-2669(3), State Aid Proj. No. SAP-1633-A (7), 3.165 mi. grading, base and surface treatment, also repairing 1 bridge on Eatonton to Sparta Rd.; Segars Construction Co., Milledgeville, $77,101.

**Grady**—Emergency Relief Proj. No. ER-S-6, new bridge at Big Tired Creek and 0.141 mi. paved approaches on Cairo to Havana, Fla. Rd.; Scott Construction Co., Thomasville, $45,838.

**Fulton and Cobb**—Fed. Aid Proj. No. F-371 (2), 0.781 mi. graded approaches at new bridge at Chattahoochee River to Marietta Rd.; E. A. Hudson's Sons, Bolton, $90,305.

**Fulton and Cobb**—Fed. Aid Proj. No. F-371 (2), Contract 2, new bridge at Chattahoochee River at Bolton on Atlanta to Marietta Rd., State Rt. No. 3; W. J. Tidwell, Jr., Douglasville, $189,710.

**Ware**—Fed. Aid Proj. No. U-388(10), underpass at A. C. L. Railroad on Carswell Ave. in Waycross, also 0.745 mi. paved approaches; Espy Paving & Construction Co., Savannah, $303,051.

**ATLANTA** — Bailey Theatres, 85 Decatur St., received low bid from Sharpe & Bickerstaff, 690 Kennesaw Ave., N. E., Atlanta at $88,850 for theater.

**ATLANTA** — Mrs. Emily J. O.'Hern let contract at $57,200, to Preston Chambers Construction Co., Decatur, for store and office.

**ATLANTA**—H. G. Hastings Co., received low bid from A. R. Abrams, 362 Jones Ave., N. W., Atlanta at $79,997 for alterations and additions.

**ATLANTA**—Nashville, Chattanooga & St. Louis Railroad, Nashville, Tenn., let contract to Oman Construction Co., Acklen Park, Nashville, Tenn., for garage and office.

**ATLANTA** — Piedmont Driving Club received low bid from Maynard Johnston and Co., 2106 Belvedere Dr., N. W., for alterations and additions.

**ATLANTA**—Georgia Port Authority applied to Reconstruction Finance Corp., for loan of $4,500,000 to expand state's port facilities.

**ATLANTA**—Fulton County Board of Education let contract to Statewide Construction Co., 1315 Victor Rd., Atlanta, $37,445 for additions to Cedar Grove and Sandtown Schools.

**ATLANTA**—Long Corp., P. O. Box 355, Charleston, S. C., plans 14-story apartment building, Darlington Apartments.

**ATLANTA** — Maynard Johnston Co., 2106 Belvedere Dr., N. W., has contract for alterations and additions to Piedmont Driving Club.

**ATLANTA** — Capitol View Presbyterian Church let contract to Wesley and Co., 285 Hunnicutt St., N. W., for building; $65,866.

**ATLANTA**—Hal Greer, 160 W. Paces Ferry Rd., Archt., received low bid from DeGive, Dunham and O'Neil at $163,550, for Stratford Arms Apartments, Stratford and Peachtree Rds.

**ATLANTA**—J. J. Black & Co., 575 Plum St., N. W., has contract at $40,970 for Yellow Jacket Inn for J. Huston Hood.

**ATLANTA**—Druid Hills Church of Christ let contract to A. J. Collins, 125 W. Ponce de Leon Ave., Decatur, Ga., at $83,383, for building.

**ATLANTA**—Young Men's Christian Association let contract to Tri-State Construction Co., 114 Ellis St., N. E., for addition to Butler Street Branch, YMCA; $61,000.

**ATLANTA**—G. Lloyd Preacher and Assocs., 843 Peachtree St., Archts., making plans for new church and reconditioning present building for Sunday school purposes, for Park Avenue Baptist Church.

**ATLANTA**—Fulton County Board of Education received low bid from Siano Construction Co., 737 W. Peachtree Street, Atlanta, $115,001 for additions to West Fulton School.

**AUGUSTA**—Curtis Baptist Church plans $95,000 building campaign.

**AUGUSTA**—City received low bid from B. G. M. Construction Co., Augusta at $68,000 for swimming pool and bath house.

**AUGUSTA**—Navy Department, Naval Base, S. C., let contract to Claussen & Webster, Augusta at $39,875 for additions to Naval Reserve Training Center.

**AUGUSTA** — Henry C. Cullum plans remodeling building, 710-712 Broad St.; $40,000.

**AUGUSTA**—Mayor and City Council, received low bid from J. C. Stockton & Son, Augusta at $69,730 for swimming pool and bath house for Negroes.

**AUGUSTA**—Southeastern Newspaper, Inc., & Herald Publishing Corp., let contract to Clarence Mobley Construction Co., 630 11th St., Augusta, for newspaper plant.

**CALHOUN**—Board of Education received low bid from Leonar and Ingram, Chatsworth, $62,991 for gymnasium for Calhoun High School.

**CALHOUN**—City let contract to James H. Small & Co., P. O. Box 4786, Jacksonville, Fla., $218,264 for water supply system.

**CAMILLA**—Hospital Authority of Mitchell County, L. E. Turner, Administrator, let contract to Culpepper & Edwards, Pelham, at $35,758 for nurses' Home at County Hospital.

**CANTON** — Corps of Engineers, Mobile, Ala., let contract to Hardaway Contracting Co., 15 E. 11th St., Columbus, $330,654, for bridge over Etowah River, Cherokee County.

**CEDARTOWN** — Board of Education let contract to Newman Construction Co., LaGrange, for school gymnasium.

**CHEROKEE MILLS**—Corps of Engineers, Mobile, Ala., let contract to Charles J. Thomas, Marietta, $150,903, for bridge over Little River in Cherokee County, Inv. 145.

**CHICKAMAUGA**—First Baptist Church let contract to Batson-Cook Co., West Point, for addition.

**CLARKESVILLE** — Habersham Electric Membership Corp. let contract to Chatham-Walker, Inc., Atlanta, Ga., at $214,919, for 198.12 miles line, plus 17.51 miles conversion.

**COLUMBUS**—Muscogee Manufacturing Co., let contract to Williams Construction Co., Columbus for addition to warehouse.

**DECATUR**—Agnes Scott College let contract to Preston-Chambers Construction Co., Decatur, for observatory.

**DECATUR**—DeKalb County Commissioners received low bid from Preston-Chambers Construction Co., Decatur at $94,413, for office building.

**FORT BENNING**—U. S. Engineer Office, Mobile, Ala., received low bid from Williams Construction Co., Columbus, for family-type quarters.

**HARLEM**—Harlem Baptist Church received low bid, $62,888 from Southern Construction Co., Augusta, for building.

**HARTWELL**—Hart County Electric Membership Corp. has $570,000 REA loan for 364 miles line.

**LAGRANGE**—Troup County Electric Membership Corp. has $330,000 REA loan for 40 miles line.

**MACON**—Corps of Engineers, Savannah, let contract to W. T. Anderson, Inc., Thomson, $226,337, for enlargement and extension of Macon Levee.

**MILLEDGEVILLE**—State Department of Public Welfare, State Capitol, Atlanta, let contract to D. C. Fowler Co., 103 Alexander St., N. W., Atlanta, at $144,440 for addition to boiler plant, State Hospital.

**MONTEZUMA** — Corporation headed by John T. McKenzie, plans erection of a build-

(Continued on page 20)

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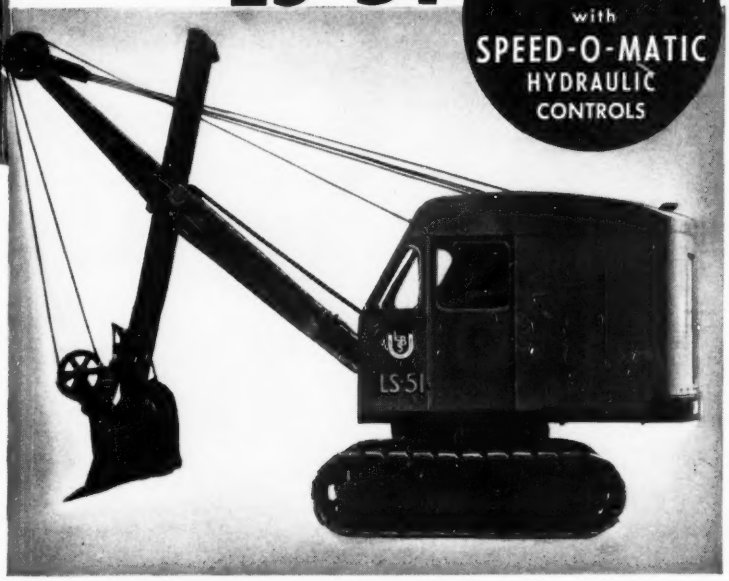


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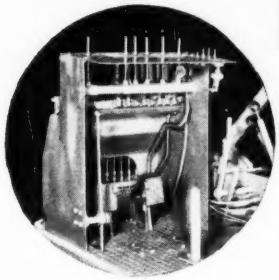

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# Southern Construction Projects

## GEORGIA

(Continued from page 18)

ing to be leased to Vanta Corp., manufacturers of children's underwear and other garments.

**NAHUNTA** — Okefenoke Rural Electric Membership Corp. has $730,000 REA loan for 311 miles line.

**ROCHELLE**—City received low bid from M. G. Aldridge, Macon, $85,398 for sanitary sewerage system.

**ROSSVILLE** — Board of Education plans addition to high school.

**SAVANNAH** — Navy Department, Naval Base, S. C., let contract to Salmons Dredging Co., Charleston, S. C., for additional mooring facilities at Naval Reserve Training Center.

**SAVANNAH** — Federal Housing Authority approved construction of 80-units of 168-unit Franklin Life Apartments, between 33rd and 38th Sts.; $500,000.

**SAVANNAH**—Epworth Methodist Church received low bid, $118,762, Proposal No. 1, and $95,917, Proposal No. 2, from General Construction Co., Box 1091, Columbia, S. C., for educational building.

**TOCCOA**—Stephens County plans widening, straightening, stumping, claying, grading and topping public roads.

**VALDOSTA**—Ellinor Motor Co., received low bid from J. N. Bray Co., Valdosta at $35,000 for building.

**VALDOSTA**—Valdosta Flour Co., will construct sales and distribution warehouse.

**WAYNESBORO** — Scorggs & Ewing, Augusta, Archts., have plans for $368,320 33-bed hospital.

**WAYCROSS**—City Board of Education let contract to Paul H. Kesling, Box 4, Waycross, $99,684, for Hazard Hill and Reidsville Schools.

**WAYCROSS**—Ware County Hospital Board plans new Ware County Hospital; $200,000.

## KENTUCKY

**BARDSTOWN**—Salt River Rural Electric Cooperative Corp. has $600,000 REA loan for 75 miles of line.

**CYNTHIANA**—Hospital Board of Directors let contract to R. D. Short Construction Co., Lexington, at $101,000 for addition to Harrison Memorial Hospital.

**CYNTHIANA**—Board of Education let contract to Switzer-Willing Construction Co., Lexington, $441,667 for high school.

**DANVILLE** — Inter-County Rural Electric Cooperative Corp., 420 West Main St., received low bid, $92,433, from Real Electric Co., Owensboro, Ky., for 75 miles single phase lines and installation of two substations.

**FRANKFORT** — Department of Highways let contracts for projects in following counties:

**Ohio**—5 mi. grade, drain and traffic bound surf. on Ky. 64, Fordsville-Hawesville Rd.; Fount Crow, Ltd., Beaver Dam, $128,412.

**Ballard-McCracken** — Bandana-Woodville-Kevil Rd., 7.5 mi. grade, drain and traffic bound surf.; Sager Construction Co., St. Louis, Mo., $119,844.

**Perry-Knott** — Darkforb-Sassafras Rd., 2 mi. grade, drain and traf. bound surf.; Codell Construction Co., Winchester, $78,875.

**McCracken** — Paducah-Oaks-Symsonia Rd., 2 mi. grade, drain and traffic bound surf.; Sager Construction Co., St. Louis, Mo., $38,516.

**Daviess** — Masonville-Philpot Rd., 5.9 mi. bitum. surf.; R. B. Tyler Co., Louisville, $36,305.

**Clinton**—Peolia Rd., 6.5 mi. bitum. surf.; R. B. Tyler, $39,144.

**Grant-Owen** — Corinth-Lusby's Mill-Owenton Rd., 3.1 mi. and Owenton-Lusby's Mill-Corinth Rd., 8.4 mi. bitum. surf.; Middle West Roads Co., Noblesville, Ind., $67,947.

**Graves**—Mayfield-Tennessee Line Rd., 1 mi. and Mayfield-Farmington-Murray Rd., 5.7 mi. bitum. surf.; Corum & Edwards, $57,687.

**Menifee-Powell-Wolfe** — Dunkan Branch-Pine Ridge Rd., 7.2 mi., Mariba-Nada Rd., 0.9 mi., Mariba-Nada Rd., 4.4 mi., Pine Ridge-Shy Bridge Rd., 0.9 mi., and Pine Ridge-Dunkan Branch Rd., 6.2 mi. bitum. surf.; A. W. Walker & Son, Mt. Sterling, $62,920.

**Estill** — West Irvine-Wisemantown-Blackburn Rd., 4.9 mi. reconstr. and surf.; Codell Construction Co., Winchester, $60,259.

**Lincoln** — Halls Gap-Ottenheim-Crab Orchard Rd., 11.2 mi. reconstr. and surf.; Codell Construction Co., $62,116.

**Metcalfe-Barren** — Cassidy-Crenshaw Rd., 4.2 mi. reconstr. and surf.; Henderson Rite Construction Co., $39,423.

**Nelson**—Botland-Manton Rd., 3.5 mi. reconstr. and surf.; Nally, Ballard & Hamilton, Bardstown, $67,040.

**Trimble** — Mt. Pleasant Rd., 6.2 mi. reconstr. and surf.; John Harmon, Bedford, $90,995.

**Jefferson**—Poplar Level Rd., 6 mi. bitum. surf.; Breslin Construction Co., Louisville, $65,405 and Fegenbush Lane, 3.3 mi. bitum. surf.; Breslin Construction Co., $37,321.

**Fleming - Rowan** — Flemingsburg - Moorefield Rd., 3.1 mi., Hillsboro-Sharkey Rd., 3.2 mi. and Hillsboro-Ringo Mill-Sharkey Rd., 2.7 mi. bitum. surf.; Hinkle Construction Co., Paris, $56,626.

**Christian**—Oak Grove-Herndon-Gracey Rd., 5.7 mi. and Hopkinsville-Dawson Springs Rd., 19.7 mi. bitum. surf.; Corum & Edwards, Madisonville, $59,534.

**Harlan**—RS 44-408, 4.285 mi. reconstr. and local bank or creek gravel on Cranks Creek Rd.; Lovell & Hart Construction Co., Lexington, $66,117.

**Henry**—RS 52-387, 6.079 mi. reconstr. and local bank or creek gravel on New Castel-Bethlehem Rd.; R. B. Tyler Co., Louisville, $51,804.

**Henry**—RS 52-427, 6.780 mi. reconstr. using river gravel on Maddox-Ridge Rd.; John Harmon, Bedford, $51,391.

**Scott**—Group 3, 9.35 mi. bitum. surf. class C-1; State Contracting Co., Hartford.

**Jefferson**—Group 4, 5.42 mi. bit. surf. class 1; Breslin Construction Co., Louisville, $97,695.

**Knott**—Group 5, 2.00 mi. bitum. surf. class C-1 and A-2 seal; Kentucky-Virginia Stone Co., Middlesboro.

**Campbell and Kenton**—Group 5, 26.55 mi. bitum. surf. class C-1 and A-2 seal (limestone or gravel aggregate); Eaton Oil Works, Inc., Covington, $52,739.

**Breathitt**—RS 13-427, 4.76 mi. reconstr. and traf. bound limestone on Oakdale-Mt. Carmel Rd.; L. M. Hart Construction Co., Inc.; Lexington, $64,532.

**Jackson**—RS 55-169, 7.274 mi. reconstr. and traf. bound limestone on Annville-Royrader-Laurel County Line Rd.; Arnett Construction Co., Berea, $57,953.

**Mason**—RS 81-275, Fernleaf-Minerva Rd.; RS 81-295, Shannon-Germantown Rd.; RS 81-315, Mt. Gilead Rd., 19.162 mi. reconstr. and bitum. surf. class C-1; R. B. Tyler Co., Louisville, $111,596.

**Robertson** — RS 101-81, Mt. Olivet-Bridgeville Rd.; RS 101-121, Mt. Olivet-Abigail Rd.; RS 101-181, Piqua-Kentontown Rd., 15.127 mi. reconstr. and bitum. surf. class C-1 and A-2 seal; Eaton Oil Works, Inc., Covington, $54,032.

**Breckinridge-Meade**—F-523(2), SP (14-333) (82-423), 10.731 mi. grade, drain and traf. bound limestone on Irvington-Grahampton Rd.; Talbott-Myers Construction Corp., Winchester, $471,119.

**Elliott** — S-111(2), SP 32-149, 10.199 mi. grade, drain and traf. bound limestone on Sandy Hook-Willard Rd.; Wood & Barton, Frankfort, $342,175.

**Oldham** — S-440(2), RS 93-136, 1.926 mi. grade, drain and traf. bound limestone on Crestwood-Brownsboro Rd.; Highland Co., Louisville, $41,939.

**Pendleton** — S-153(1), SP 96-17, 0.455 mi. grade, drain and traf. bound limestone on Butler Spur Rd.; Bingham Brothers and House & Sponcil, Hazard, $46,424.

**Pulaski** — U-110(3), U-211(17), SP 100-535, 100-235, 2.028 mi. grade, drain and traf. bound limestone on Somerset Relief Rt.; Codell Construction Co., Inc., Winchester, $85,950.

**Webster** — F-166(6), SP 117-349, 0.696 mi. bitum. surf. class I on North Broadway and Main Street in Providence; S. J. Boone, Owensboro, $106,366.

**FRANKFORT** — Department of Highways let contracts for projects in following counties:

**Montgomery-Powell**—S 437(3), SP (87-77) (99-20), 4.996 mi. grade, drain and traffic bound limestone on Jeffersonville-Stanton Rd.; A. W. Walker & Son, Mt. Sterling, $174,620.

**Adair** — SP 1-10, 0.037 mi. reconstruction, widening and traffic bound limestone on Columbia-Campbellsville Rd.; Adair Construction Co., Columbia.

**Nelson**—SP 90-5, 0.307 mi. drain, correction and street widening, bitum. surf. class F on Bardstown-Louisville Rd.; Nally-Ballard & Saltsman, Inc., Bardstown.

**Ballard** — SP group 38, 10.869 mi. bitum. surf. class C-1 and rock asphalt seal; Southern Quarries & Contracting Division, Columbus, Ohio, $60,518.

**Logan**—SP group 39, 12.263 mi. bitum. surf. class F, rock asphalt seal; Southern Quarries & Contracting Division, Columbus, Ohio, $100,046.

**Daviess and Ohio** — Group 40, 26.193 mi. bitum. surf. class C-1 and A-2 seal; State Contracting Co., Hartford, $64,515.

**Perry**—Group 42, 16.685 mi. bitum. surf. class F and A-2 seal; Hinkle Contracting Co., Paris, $90,778.

**McCreary**—RS 74-213, 4.161 mi. reconstr. and traf. bound limestone on US 27-Holly Hill Rd.; George H. Cheek Construction Co., Frankfort, $61,777.

**Owen**—RS 94-353, 7.703 mi. reconstr. and traf. bound limestone on Claxon Ridge Rd.; Kentucky Road Oiling Co., Frankfort, $91,887.

**Laurel**—RS 63-1011, 3.076 mi. reconstr. and traf. bound macadam on Cold Hill-Pine Grove Rd.; M. W. Walker & Co., Lexington.

**Lawrence** — RS 64-173, 1.675 mi. reconstr. and traf. bound slag on Buchanan (Bear Creek) Rd.; Robertson & Harper, Salyersville.

**Madison**—RS 76-331, 6.78 mi. reconstr. and traffic bound limestone on Big Hill-Irvine Rd. (Red Lick Creek Rd.); Ambrosius Industries, Inc., Louisville, $64,369.

**Madison**—RS 76-351, 8.03 mi. reconstr. and bitum. surf. class C1 on Berea-Silver Creek-Walnut Meadow Rd.; H. C. Adams, Lexington, $38,248.

**FRANKFORT** — Department of Highways let contracts for projects in following counties:

**Adair**—Van Hoy Pike, 1.2 mi.; Adair Construction Co.

**Carter** — Fairview Church-Rowan County Line Rd., 1.3 mi.; Wells & White Construc-Co., Morehead.

**Daviess**—Mosleyville-Panther Rd., 4.4 mi.; Ambrosius Industries, Inc., Louisville, $43,319; Ensor-Ky. 54 Rd., 4.4 mi.; W. F. Robinson & Son, Owensboro, $43,437.

**Garrard**—Antioch-Scotts Fork Rd., 8.9 mi.; Walden & Grubbs, Lancaster, $38,977.

**Greenup** — Hopewell-Hunnewell Rd., 3.5 mi.; Talbott-Myers Construction Co., Winchester, $52,505.

**Hart**—Munfordville-Linwood Rd., 5.7 mi. and Uno-Seymour Rd., 3.6 mi.; Hicks-Freeman Co., Prospect, $96,506.

**Henderson** — Robards-Anthoston Rd., 1.9 mi.; Paul A. Teegarden, Inc., Columbus, Ind.

**Meade**—Brandenburg-Wolf Creek, 3.9 mi.; Ambrosius Industries, Inc., $58,551.

**Montgomery**—Grooms Store Rd., 6.3 mi.; A. M. Walker & Son, Mt. Sterling, $45,327.

**Elliott**—Mauk Ridge Rd., 6.1 mi. surfacing and resurfacing; Codell Construction Co., Winchester, $59,932.

**Allen**—Scottsville-Tompkinsville Rd., 6.3 mi. surfacing and resurfacing; State Contracting Co., Hartford, $46,835.

**Shelby**—Chestnut Grove-Prison Farm Rd., 8 mi.; Tye & Wells, Carrollton, $74,141.

**Bell**—Pineville-Hyden Rd., 3.5 mi. grade, drain and traffic bound surf.; Codell Construction Co., Winchester, $87,700.

**Breathitt**—Jackson-Buckhorn Rd., 5.2 mi. grade, drain and traf. bnd. surf.; Marlowe Construction Co., Lexington, $189,388.

**Edmonson-Grayson** — Brownsville-Leitchfield Rd. and Leitchfield-Brownsville-Meredith Rd., 13.5 mi. surfacing and resurfacing; R. E. Gaddie, Inc., Bowling Green.

**Graves** — Mayfield-Symsonia Rd., 8.8 mi. surfacing and resurfacing; Southern Quarries Construction Co., Columbus, Ohio, $43,346.

**Butler**—Morgantown-Drakesboro Rd., 14.4 mi. surfacing and resurfacing; Southern Quarries Contracting Co., $87,364.

**FRANKFORT** — Department of Highways let contracts for projects in following counties:

**Boone**—Frogtown Rd., 2.7 mi.; R. C. Durr, Walton, $42,394; Verona-Mudlick Rd., 4 mi.; Fuller-Daviess Co., Covington, $46,944.

**Larue**—River Rd., 5.4 mi.; Nally & Ballard, Inc., Bardstown, $84,811.

**Marion**—Raywick-Holy Cross Rd., 8.8 mi.; Kentucky Road Oiling Co. and J. Sneed Yager, 315 High, Frankfort, $39,227; Logan Rd., 2.9 mi.; McLean Construction Co., Lexington, $36,589 and New Hope-Holy Cross Rd., 0.7 mi.; Mills & Co., Lebanon.

**Nelson**—Solitude Rd., 1.7 mi.; H. S. Catron, Taylorsville.

**Owen**—Claxon Ridge Rd., 7.7 mi.; Kentucky Road Oiling Co., Frankfort, $91,887.

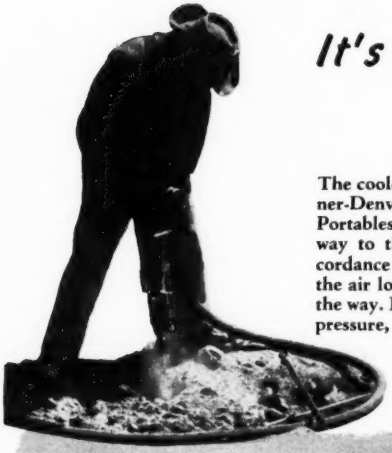
**Madison**—Bituminous surfacing on following, Speedwell Rd., 2 mi.; Lost Fork-Peacock Rd., 2.5 mi.; Four Mile Rd., 2 mi.; Whitlock Rd., 1 mi.; College Hill Rd., 2 mi.; Valley View Rd., 1.2 mi.; Phelps Rd., 0.8 mi. and Baldwin Church Rd., 0.6 mi.; Allen-Codell Co., Inc., Winchester, $62,882.

**Bourbon**—Cane Ridge Rd., 12.8 mi.; Hinkle Contracting Co., Paris, Ky., $43,969.

**Warren**—Lovers Lane, 2.8 mi. bituminous surfacing; R. B. Tyler Co., 1446 Levering, Frankfort.

**Wolfe** — Bituminous surfacing streets in

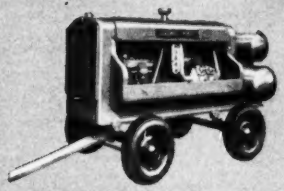
(Continued on page 22)



# *It's the pressure at the tool that counts!*

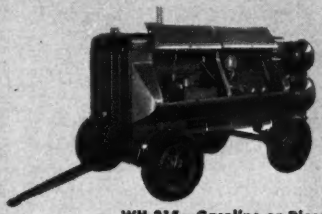
The cooler air discharged from Gardner-Denver Two-Stage, Water-Cooled Portables has less heat to lose on the way to the tool. Therefore — in accordance with basic laws of physics — the air loses less of its pressure along the way. It reaches the tool at a higher pressure, and this vigorous air pressure lets every tool work at full capacity — full speed — full efficiency.

For a vigorous, steady, uninterrupted air supply — regardless of altitude, temperature or weather extremes — choose a Gardner-Denver Portable in the size to fit your needs. *Write today for full information.*

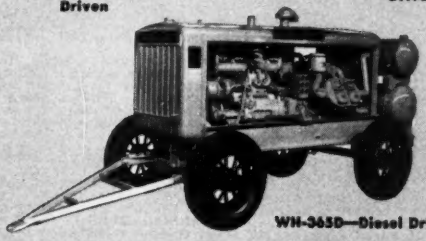


**WH-210—Gasoline or Diesel Driven**

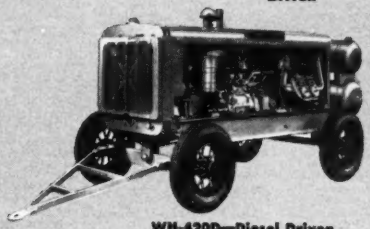
**WH-105—Gasoline or Diesel Driven**



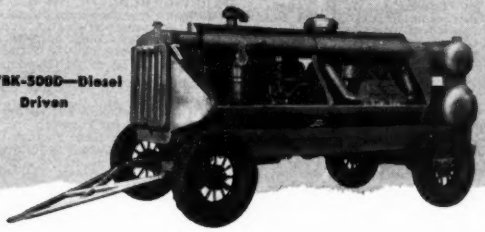
**WH-315—Gasoline or Diesel Driven**



**WH-365D—Diesel Driven**

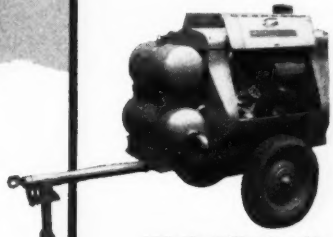


**WH-420D—Diesel Driven**



**WBK-500D—Diesel Driven**

**NEW Gardner-Denver Quality in a 60 cubic foot compressor**



**ADO-60—Utility Portable Air Compressor**

**GARDNER-DENVER**

*Since 1859*

Gardner-Denver Company, Quincy, Illinois
In Canada: Gardner-Denver Company (Canada) Ltd., Toronto, Ontario

# Southern Construction Projects

## KENTUCKY

(Continued from page 20)

Campton, 1.4 mi.; Kentucky Road Oiling Co., Frankfort.

**Scott** — 5 mi. bituminous surfacing on Georgetown-Williamstown Rd.; Middle West Roads Co., Noblesville, Indiana, $138,314.

**Greenup**—Morton Addition Rd., 1 mi. bituminous surfacing in Fullerton; Ohio Asphalt Corp., Portsmouth, Ohio.

**Boyd and Lawrence**—Group 45, 29.260 mi. bitu. surf. class 1 (slag aggregate); Middle State Bituminous Corp., Ashland, $52,146.

**Morgan and Wolfe**—Group 46, 31.449 mi. bitum. surf. class C-1 and A-2 seal (limestone or gravel aggregate); Independent Contracting Co., Louisville, $94,392.

**Greenup**—Group 47, 6.878 mi. bitum. surf. class C-1 and A-2 seal (slag aggregate); Middle States Bituminous Corp., Ashland, $47,127.

**Bracken**—RS 12-286, 7.188 mi. reconstr. and traf. bound limestone on Milford-Neave Rd.; Capito Excavation Co., Augusta, $66,860.

**FRANKFORT**—Department of Highways, let contracts for projects in following counties:

**Jefferson**—F1-117(19), SP 56-58, bridge and approaches at Floyds Fork Louisville-Shelbyville Rd., 0.473 mi.; Kelly Contracting Co., Fincastle Bldg., Louisville, $333,248.

**Trimble**—MP 112-18-1, bridge over Ohio River at Milton, bridge painting; Arthur M. Gelden Co., Chicago, Ill., $48,523.

**Edmonson** — Brownsville-Lietchfield Rd., approaches to Brownsville bridge, 1.6 mi.; Kelly Contracting Co., Louisville, $97,317.

**FRANKFORT**—State Conservation Department, Henry Ward, let contract to May-Bilt Co., Frankfort at $52,229 for new buildings at Carter Caves State Park.

**HENDERSON** — Henderson-Union Rural Electric Cooperative let contract to LP & H Construction Co., Box 210, Linton, Ind., at $263,642, for 217 miles line.

**LOUISVILLE**—Bank of Louisville plans branch building, Broadway.

**NICHOLASVILLE**—Jessamine County, Dr. J. S. Williams, plans $300,000 bond election for hospital.

**PADUCAH**—Public Buildings Administration, Washington, D. C., let contract to Whittenberg Construction Co., 2214 S. Floyd, Louisville at $193,000 for lay-away facilities, Kentucky Ordnance Works.

## LOUISIANA

Avoyelles Parish School Board let contracts to E. E. Rabalais & Son, Bunkee for the following schools: vocational agriculture building at Moreauville, La., $52,986; school lunchroom at Evergreen, $22,686; school lunchroom at Hessmer, $21,434; toilet facilities at Hessmer, $18,546.

Charles T. Roberts, Guaranty Bank Bldg., Alexandria, Archts., plans elementary schools at Kinder and Oberlin, La.

**LOUISIANA AND MISSISSIPPI** — House Public Works Committee, Washington, D. C., approved $1,200,000,000 flood control and navigation projects.

Webster Parish Police Jury, Minden, tentatively let contract to Allen Construction Co., Shreveport, at $85,460 for health center building at Minden and at Springhill; Shreveport Refrigeration & Appliance Co., at $12,396 for air conditioning.

**ABBEVILLE** — Corps of Engineers, New Orleans, received low bid from Keller Construction Corp., 7900 Palm St., New Orleans, $670,575, for Schooner Bayou Contro. Structure in Vermilion Parish, Inv. 282.

**ABBEVILLE** — Vermilion Parish Police Jury plans renovation and construction of addition to Parish Courthouse, $750,000.

**ALEXANDRIA** — Rapides Parish School Board plans building program for Public Schools.

**ALEXANDRIA**—Southern Bell Telephone Co., let contract to Barget-Thompson Co., Atlanta, Ga., for additions and alterations to main office building.

**ALGIERS**—Holy Name of Mary Church let contract to O'Connor-Oakes Co., 542 Second St., Gretna, for temporary school at 501 Belleville St.

**BATON ROUGE**—East Baton Rouge Parish School Board let contract to Caldwell and McCann, Triad Bldg., Baton Rouge, $663,015, for Easy Town High School.

**BATON ROUGE** — Department of Highways, let contract to M. E. Pollard, Bossier City, $189,416, for road surfacing in Webster Parish, State Rt. C-1345, Springhill-Shongaloo Hwy.

**BATON ROUGE** — Louisiana Creamery, Inc., let contract to J. M. King, 3538 Plank Road, Baton Rouge at $49,614, for storage building.

**BATON ROUGE** — Department of Highways, received low bid for projects in following parishes:

**Tensas and Madison**—State Proj. No. 352-01-01 & 854-19-06, Afton-King Hwy., State Rts. Nos. 1129 & C-1608; 2.70 mi. grading, 9 @ 19' C.T.T. span bridge and aggregate type surfacing; Forcum-James Co., Box 911.

**BATON ROUGE** — Navy Department let contract to Iran Carline, Berwick, at $36,540 for addition Naval Reserve berthing facilities; Spec. 21500, NOY 17649.

**BATON ROUGE** — Department of Highways, let contract to Newsom Brothers, Columbia, Miss., $102,849, for bridge over Lake Bistineau on State Rt. 1154.

**BATON ROUGE** — Department of Highways, received low bids for projects in following parishes:

**Grant**—State Proj. No. 40-01-12, Bentley-Colfax Hwy., State Rt. No. 19, 4.6 mi. shaping roadway, small drainage struc., aggregate type base course; Campbell Construction Co., Inc., $51,298.

**St. Mary**—State Proj. No. 243-01-02, South Bend-Bayou Sale Hwy., State Rt. No. 60, 5.77 mi. shaping roadway, small drain struc., aggregate type base course and bitum. surf. treat.; Stevens & Co., Inc., Box 28, New Orleans, $117,934.

**Livingston** — State Proj. No. 737-00-33, streets in Walker, State Rts. No. 7-F, 338 and 336, 2.276 mi. grad., drain. struc., aggregate type base course and 20' bitum. surf. treat.; Walker J. Elsworth, 164 S. Leo St., $77,334.

**East Baton Rouge**—State Proj. No. 817-18-04, L.S.U.-Intersection Rt. 63, State Rt. No. C-2016, 0.884 mi. grad., drain. struc., portland cement concrete pavt. and bitum. mixture for hot application; Barber Brothers Co., Box 629, $125,356.

**Avoyelles**—State Proj. No. 147-03-05, 147-04-05 & 374-01-04, Palucheville-Cottonport Hwy., State Rts. Nos. 92 & 92-D, 6.59 mi. shaping roadway, small drainage struc., aggre. base course and bitum. surf. treat.; Carruth Contracting Co., Box 2191, $129,481.

**Avoyelles** — State Proj. No. 143-01-05, 805-31-02 & 805-32-03, streets in Marksville, State Rts. Nos. 116, C-2125 & C-2126; 3.35 mi. shaping roadway, small drainage struc., gravel base course and bitum. surf.; Carruth Contracting Co., $71,626.

**St. James**—State Proj. No. 63-09-18 & 63-08-13, Fed. Aid Sec. Proj. No. S-112(1), Hymel-Batree Hwy., State Rt. No. 30, 7.042 mi. grading, small drainage struc., aggregate type base course or soil cement base course and 3-application bitum. surf. treat.; Carruth Contracting Co., Box 2191, $214,046.

**BATON ROUGE** — Department of Public Works, let contract to H. S. Procter, Houston, Tex., $189,680, for removal of 1,247,900 cu. yds. in 46 channels with total length of 116 mi.

**BATON ROUGE** — Department of Highways, let contracts for project in following parish:

**Winn**—Surfacing 11 mi. of State Rt. 110, Dodson-Sykes Hwy.; Wells Contracting Co., Natchitoches, $176,535.

**BATON ROUGE**—East Baton Rouge Parish School Board let contract to W. R. Jones, P. O. Box 1025, Baton Rouge, $73,364 for North Highlands School gymnasium.

**BATON ROUGE**—Harry B. Nelson received low bid from Charles Carter, P. O. Box 1270, at $106,000, for two-story commercial building, 511 to 519 Third St., for occupancy by Spiegel, Inc., 3932 S. Wolcott St., Chicago.

**BOGALUSA**—Division of Administration, Baton Rouge, received low bid from Dye & Mullings, Columbia at $741,988 for 2-story, 70-bed Washington-St. Tammany Charity Hospital.

**BATON ROUGE**—East Baton Rouge Parish School Board received low bids for the following schools: new grammar school, Albert A. Stevens, 2320 Iroquois St., Baton Rouge, $331,000; North Highland School.

**BOSSIER CITY** — Bossier Parish School Board let contract to McMichael Construction Co., P. O. Box 508, Shreveport, $166,812 for negro high school.

**BREAUX BRIDGE**—Mayor and Board of Aldermen let contract to Magnolia Construction Co., P. O. Box 1975, Baton Rouge, for waterworks plant at $58,000.

**CLINTON** — Mayor and Board of Aldermen received low bid from W. D. Owens Construction Co., 332 First National Bank Bldg., Montgomery, $81,320 for waterworks improvements.

**COLUMBIA**—Caldwell Parish School Board plans school, $500,000.

**COUSHATTA**—S & R Gas Co., Frank J. Robertson, Mgr., plans salesroom, garage and warehouse.

**COUSHATTA** — Corps of Engineers, New Orleans, received low bid from Wells Contracting Co., Natchitoches, for 75,000 yds. semi-compacted levee in Red River Parish, Inv. 303.

**COVINGTON** — Wogan and Bernard, Archts., Pere Marquette Bldg., New Orleans, plan residence.

**COVINGTON**—Mayor and City Council received low bids for sewage treatment plant and water extensions, fire hydrants, etc.; Koller Construction Co., Oklahoma City, Okla., $49,767 for sewage treatment plant; Clement Betpouey, Jr. & Co., New Orleans, $22,021, for water extensions.

**CROWLEY**—Acadia Parish Police Jury let contract to S. L. Hebrard, 1260 University Ave., Baton Rouge, for test borings in Courthouse Square.

**CROWLEY**—Police Jury of Acadia Parish let contract to Horace B. Rickey, Inc., Lafayette, for demolishing and removing present courthouse building to make way for new one, $1,000,000.

**DERIDDER** — Beauregard Electric Cooperative, Inc., has REA loan, $935,000 for 555 miles line for headquarters facilities, system improvements and completion of previously approved construction; La. 18N, P. R. Beauregard.

**DESTRAHAN**—St. Charles Roman Catholic Church, received low bid from Union Construction Co., $47,431 for convent.

**FARMERVILLE** — Union Parish School Board let contract to Jesse F. Heard & Sons, P. O. Box 3566, West Monroe, for furnishing and installing septic tank, filter and sewer system.

**FRANKLIN**—U. S. Property & Disbursing Officer, Headquarters Bldg., Jackson Barracks, New Orleans, let contract to I. W. Havard, Canton, Miss., for motor vehicle storage building for Louisiana National Guard.

**FRANKLIN**—Corps of Engineers, New Orleans, received low bid from Sam Carline, Berwick, $44,670, for 300,000 yds. dredging in St. Mary Parish, Inv. 326.

**FRANKLIN**—St. Mary Parish School plans lunchroom.

**FRANKLIN**—Mayor and City Council received low bids for extensions to water treatment plant and ground water supply wells; H. B. Rickey, Inc., Lafayette, $42,697 for water treatment plant and pump house; Barley and Bennings, New Orleans, for water supply wells.

**GRAND COTEAU**—Sacred Heart Academy let contract to Kaplan Construction Co., Lafayette, $83,000 for gymnasium.

**GRETNA** — Seventh Ward of Jefferson Parish approved $800,000 bond issue for sewerage disposal system.

**HAMMOND** — Louisiana Department of Highways, Baton Rouge, received low bid from Caldwell & McCann, Triad Bldg., Baton Rouge at $193,955 for district headquarters offices and shops, water well and distribution system, District 6; Garlete Pump and Supply, Baton Rouge, low on water well at $17,512.

**HARRISONBURG** — Corps of Engineers, New Orleans, received low bid from Gravier & Harper, Alexandria, $124,988, for reaches 1, 2 and 3 of Jonesville Floodwall in Catahoula Parish, Inv. 283.

**HARRISONBURG** — Corps of Enugineers, New Orleans, received low bid from Carroll Drainage & Construction Co., Lake Providence, $89,190, for 460,000 cu. yds. semi-compacted levee embankment in Jonesville Ring Levee on Black River in Catahoula Parish, Inv. 324.

**HOUMA** — St. Lucy's School plans school $63,000.

**HOUMA**—Terrebonne Parish approved $1,000,000 bond issue for hospital.

**HOUMA**—Kaplan Construction Co., P. O. Box 307, Lafayette, low bidder at $246,000 for new Seabreeze Hotel, for Junius Anthemont.

**JEANERETTE** — E. L. Chaney, Chaney Lumber and Supply Co., will build 16 residences on Church St.

**JENA** — LaSalle Parish School Board let contract to R. G. Cruse Lumber Co., Sicily Island, $69,770 for addition to elementary school.

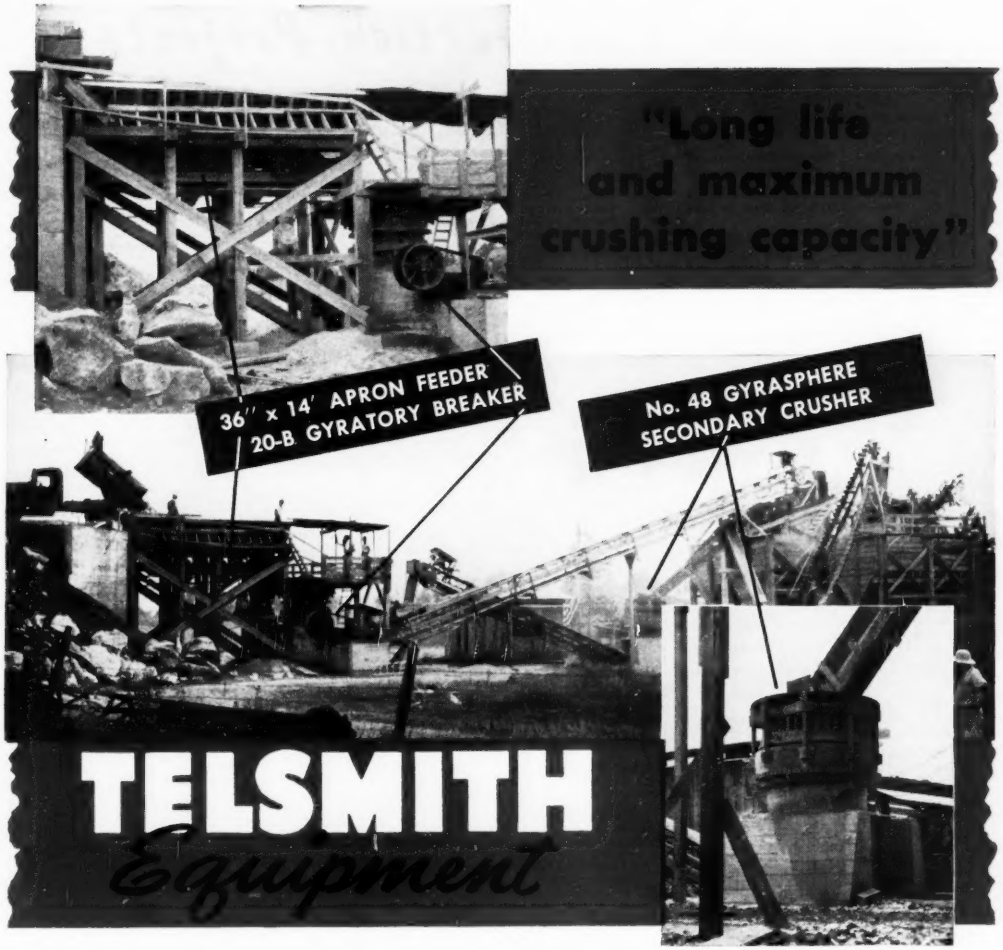
**JENNINGS**—Farm Machinery and Equipment Co., A. A. Spurry, Mgr., has acquired the More Mileage Station; plan expansion program.

**MANDEVILLE** — The South East Mental Hospital plans one-story 32-bed general hospital and administration building.

**JONESBORO** — Jackson Parish School Board let contract to R. J. Jones & Son, Alexandria, $127,222 for junior high school.

**LAKE CHARLES**—W. L. Paternostro let contract to T. Miller and Sons, for remodeling

(Continued on page 24)




● The McLellan Stone Co. has a new quarry plant near Bowling Green, Ky. In speaking of his Telsmith equipment, Mr. George McLellan says:

"Its long life and maximum crushing capacity is the reason for our selection of your crushing equipment."

The plant is crushing limestone. Capacity is 100-150 tons per hour. Its main products are aglime and ½" and ¾" chips used in resurfacing Kentucky's black-top roads. The plant is also able to make concrete aggregate.

The plant's 36" x 14' Telsmith Heavy-Duty Apron Feeder is built to take the heaviest loads of quarry rock that the trucks can dump on it. Steadily and smoothly it feeds the big capacity primary crusher —a 20-B Telsmith Gyratory Breaker. These two Telsmith units are a great pair for low-cost production.

And they're backed up by a super secondary crusher. A No. 48 Telsmith Gyrasphere that takes the product of the primary crusher as fast as it comes. Takes it at choke feed. And continuously turns out top tonnage of a finer, more cubical product at an exceptionally low cost per ton.

Are you building a new plant? Expanding? Modernizing? Consult Telsmith. Send for Bulletin Q-50.

Q-20

**SMITH ENGINEERING WORKS, 4030 N. HOLTON STREET, MILWAUKEE 12, WISCONSIN**

713 Commercial Trust Bldg. Philadelphia 2, Pa. — Rish Equipment Co. Roanoke 7 & Richmond 10, Va. — Rish Equipment Co. Charleston 22 & Clarksburg, W. Va. — Brandeis M. & S. Co., Inc. Louisville 8, Ky. — L. V. Fraley & F. P. Gary St. Louis 10, Mo.

R. C. Hardcastle Co., Oklahoma City 2, Okla. — Interstate Eqpt. Co. Statesville, N.C. — Wilson-Weesner-Wilkinson Co. Knoxville 8 and Nashville 6, Tenn. — Priester Mchy. Co., Inc. Memphis 5, Tenn. — Tractor & Eqpt. Co., Inc. Birmingham 1, Ala. — W.C. Caye & Co. Atlanta 2, Ga.

Southern Eqpt. & Tractor Co. Monroe, La. — Alamo Iron Works, San Antonio 6, Texas — Martin-Lumby Co., Dallas 9, Texas — Don Graze, Jacksonville 2, Fla.

# Southern Construction Projects

## LOUISIANA

(Continued from page 22)

and extending building at 225 Broad St. for Delta Theatre.

**LAKE CHARLES** — Coastal Development Co. let contract to Southern Construction Co. for 60-unit housing project; $450,000.

**LAKE CHARLES**—American Legion plans Henry Gray Home, Third St. and Second Ave.; $50,000.

**LAKE CHARLES**—Davidson Sash & Door Co., 100 Ryan St., received low bid from Emmett Young, Inc., P. O. Box 765, Lake Charles at $43,183, Base Bid 1, $73,727, Bid 2, and at $112,460, Bid 3, one-story warehouse.

**LAKE CHARLES** — John McNeese Junior College let contract to Bartley and Binnings, 433 Gravier St., New Orleans, $114,764 for livestock arena roof, remodeling and revisions to lighting system.

**LAKE CHARLES** — Pilgrim Holiness Church let contract to J. J. Thompson, Inc., 1932 Fifth St., for auditorium and educational building, $65,000.

**LAFAYETTE**—City approved issuance of $260,000 bond issue for recreation and $159,000 bond issue for fire department facilities.

**LAFAYETTE** — City approved $2,300,000 bond issue for water-distribution system.

**LAFAYETTE** — City approved $1,900,000 bond issue for sewerage disposal system.

**LAFAYETTE**—Mayor and Board of Trustees received low bid, $89,773 from W. S. Young, Shreveport, for additions and alterations to municipal electric distribution system; Contract No. 2.

**MANSFIELD**—Dr. Glenn R. Johnson, R. B. Van Horn and Grundy Cooper, DeSoto Hospital, plan erection of modern hospital.

**MONROE**—St. Matthews Catholic Church let contract to McBride and Son, Bastrop, La., at $151,600, for new rectory and auditorium building and gymnasium.

**MELVILLE**—Merchants and Farmers Bank of Melville plans bank building.

**NEW IBERIA**—City sold $75,000 bond issue to White, Hattier & Sanford, Investment Co. of New Orleans, for sewerage extension.

**NEW IBERIA**—Louisiana Sugarcane Festival and Fair Association plans new auditorium-exhibit building in City Park, $175,000.

**NEW IBERIA**—Iberia Parish School Board let contract to J. C. McClindon, 1237 Twenty Second St., Gulfport, $74,488 for concrete stands for New Iberia High School.

**NEW ORLEANS**—N. V. Leaveau received low bid, $895,960 from George J. Glover Co., Inc., Whitney Bank Bldg., for seven-story Apartment House building, 3103 St. Charles Ave.

**NEW ORLEANS** — Purchasing Agent of Charity Hospital, 1532 Tulane Ave., received low bid from American Heating & Plumbing Co., 829 Baronne St., New Orleans at $53,218 for installation of summer air conditioning at Charity Hospital.

**NEW ORLEANS**—Navy Department, Capt. W. B. Howard, Officer in Charge of Construction, let contract to Keller Construction Co., 7900 Palm St., New Orleans at $470,000 for Naval Reserve Training Center on the Lakefront.

**NEW ORLEANS** — Munholland Memorial Methodist Church received low bid from A. & O. Builders, at $61,420, for educational building, Metairie Rd. and Elmer St.

**NEW ORLEANS**—Touro Infirmary let contract to R. P. Farnsworth & Co., Inc., 1515 S. Salcedo, New Orleans at $815,000 for new six-story addition.

**NEW ORLEANS** — White Brothers, 624 Canal St., plan remodeling of existing building, 722 Canal St.

**NEW ORLEANS**—St. Mary of the Angels Parish plans three-story elementary school and gymnasium to be erected on Congress and N. Tonti Sts.

**NEW ORLEANS** — Department of Highways, Baton Rouge, has preparatory work begun on Mississippi River bridge, $20,000,000 to $30,000,000.

**NEW ORLEANS** — New Orleans Public Service, Inc. plans $5,136,517 expansion program.

**NEW ORLEANS** — Charles Sherwood let contract to Lynn Construction Co., 4010 Eden St., for residence, Lake Vista Section.

**NEW ORLEANS** — Frank Mendoza will build tourist court, Gentilly Hwy.; $41,000.

**NEW ORLEANS** — Edward L. Clements, Archt., 408 Vincent Bldg., plans Thermocon residence, Lake Vista Section.

**NEW ORLEANS**—St. Cecelia Roman Catholic Church let contract to Winchester Brothers, 5900 S. Front St., for alterations and additions to St. Cecelia Parochial School, 4219 N. Rampart St.

**NEW ORLEANS**—Coca-Cola Co., 123 Canal St., let contract to Emile M. Babst Co., 1050 Camp St., for installation of air conditioning in existing office building.

**NEW ORLEANS**—Metairie Baptist Church, Rev. E. V. Appling, Pastor, let contract to R. P. Farnsworth and Co., Inc., 1515 S. Salcedo St., New Orleans, for church.

**NEW ORLEANS** — Public Belt Railroad Commission, let contract to Avondale Marine Ways, Inc., Avondale, $202,851, for 519,000 lbs. aluminum sheets and accessories for use in redecking Mississippi River Bridge and approaches.

**NEW ORLEANS**—Board of Administrators of Charity Hospital of Louisiana let contract to American Heating & Plumbing Co., 829 Baronne St., New Orleans at $53,218 for installing summer air conditioning systems in various departments of Charity Hospital.

**NEW ORLEANS** — Dr. S. R. Gaines received low bid from A & O Builders for residence.

**NEW ORLEANS**—Touro Infirmary let contract to James F. O'Neil Co., New Orleans at $260,950 for air conditioning system in connection with new six-story addition infirmary; Maritime Electric Co., New Orleans, at $64,225 for electrical distribution system; Victory Electrical Works, New Orleans at $71,870 for electrical work; Mayer Godchaux, New Orleans at $86,134 for boiler plant equipment.

**NEW ORLEANS**—H. A. Ehrensing, 1032 Eleonore St., Archt., plans duplex renovating job, Franklin Ave. and Wisteria St., for J. J. Mumphrey, 4201 Franklin Ave.

**NEW ORLEANS**—Rene F. Gelpi, Archt., 318 Carondelet St., plans 30 residences, Jefferson Park Sub-division for Schill-Wolson, Inc.

**NEW ORLEANS**—Rev. Dana Dawson, Jr., Pastor, Munholland Memorial Methodist Church, let contract to Haase Construction Co., 822 Perdido St., for educational building, Metairie Rd. and Elmeer St.

**NEW ORLEANS**—U. S. Engineer Office received low bid from Mayer Godchaux, Audubon Bldg., New Orleans at $101,303 for installation of 175-ton summer air conditioning system in the engineering building of the Corps of Engineers, foot of Prytania St.; Inv. 49-340.

**NEW ORLEANS** — Eugene J. Gibert, Archt., Whitney Bank Bldg., plans A. & P. Super store building, Esplanade and Savage Sts.

**NEW ORLEANS**—H. A. Ehrensing, Archt., 1032 Eleonore St., plans addition to O'Dwyer Restaurant and Cocktail Lounge, 100 Jefferson Hwy.

**NEW ORLEANS** — Gentilly Presbyterian Church received low bid, $67,995 from D. D. Pittman Contracting Co., 3025 49th St., for church building, Franklin and Gentilly Aves.

**NEW ORLEANS**—Southern Specialties Co., let contract to Progressive Construction Co., 1411 S. Broad St., New Orleans, for remodeling and alterations to building, N. Broad and Toulouse St.

**NEW ORLEANS**—Trinity Baptist Church plans church structure.

**NEW ORLEANS**—Federal Works Agency, Division Engineer, Dallas, Texas, let contract to A. J. Jenkins, New Orleans, for steam connection changes, U. S. Marine Hospital.

**NEW ORLEANS**—Slater's Boot Shop let contract to Dave Katz, 2116 Octavia St., for modernization of building.

**NEW ORLEANS** — Hardy-Stevens Co., Carondelet Bldg., New Orleans has contract for Diesel Sales building, 727 Baronne St., for the Wilfameo, Inc., to be occupied by the Cleveland Diesel Engine division of the General Motors Corp.

**NEW ORLEANS**—Corps of Engineers, received low bid from Jahncke Service, Inc., $477,630, for 870,000 cu. yds. hydraulic earth-work in enlargement of East Atchafalaya Protection Levee.

**NEW ORLEANS** — Sewerage and Water Board of New Orleans received low bids for the following: Contract 292-W, water mains, James N. Harsh; Contract 293-W, water mains, Argus and Fresh; Contract 294-W, water mains, James N. Harsh; Contract 295-W, water mains, A. N. Goldberg; Contract 193-S, sewers., Kelly-Generes; Contract No. 194-S, sewers, Kelly-Generes.

**NEW ORLEANS** — Public Buildings Administration, Dallas, Texas, received low bid from Victory Electric Works, 315 N. Broad St., for electrical changes on 9th and 10th floors, etc., Masonic Temple Bldg.

**OAKDALE** — Newport Industries, Inc., plans construction of additional $500,000 plant for manufacture of specialty rosin.

**OIL CITY**—Caddo Parish School Board received low bid from Stegers Builders Supply, Atlanta, Tex., $55,500 for cafeteria.

**OPELOUSAS**—Police Jury of St. Landry Parish plans Public Health Center, $87,000.

**PLAQUEMINE**—Corps of Engineers, New Orleans, received low bid from Emanuel & Bean, Plaquemine, $377,478, for earth chamber for Bayou Sorrell Lock in Iberville Parish, Inv. 310.

**PLAQUEMINE**—St. John's Church let contract to Ruckstuhl and Fick, Inc., 4526 Elba Street, New Orleans, for addition to parochial school.

**PORT ALLEN**—West Baton Rouge Parish School Board, District No. 3, sold $750,000 bond issue to National Bank of Commerce in New Orleans, for school program.

**PORT ALLEN**—Mayor and Board of Aldermen let contract to J. O. Burnett & Co., Denham Spring, for installation of approximately 5,000 feet of 2-inch gas and water mains.

**RAYVILLE**—First Baptist Church let contract to Curtis Lumber Co., Delhi, for parsonage.

**RUSTON**—Lincoln Parish School Board let contract to Roy M. Lilly, Ruston, for three-application bituminous surface treatment for the boulevard west of Ruston High School.

**RUSTON**—Police Jury of Lincoln Parish let contract to Southern Builders, Inc., P. O. Box 842, Shreveport at $581,592 for courthouse; Decatur Iron & Steel Co., Decatur, Ala., at $21,947 for jail equipment.

**SHREVEPORT** — Caddo Parish School Board received low bid from Netherton Co., Shreveport, $62,797 for roadways, parking areas and sidewalks at various schools.

**SHREVEPORT**—Magnolia Building Co. let contract to Werner Co. for three-story building, Line and Jordan Sts.; $286,000.

**SHREVEPORT**—City let contract to Barnet Brezner, Alexandria, $224,270 for two sewer lift stations on Bayou Pierre, known as Broadmoor and Querbes Pumping stations.

**SHREVEPORT** — St. Joseph's Catholic Church let contract to J. M. Brown Construction Co., at $82,386, for new building.

**SHREVEPORT** — Linwood Development Corp. will build 90 residences adjacent to Cedar Grove Junior High School, at Lindwood Ave. and 70th St.; $600,000.

**SHREVEPORT**—State Division of Administration, Baton Rouge let contract to J. A. Jones Construction Co., 209 W. 4th, Charlotte, N. C., for $6,029,000 Confederate Memorial Medical Center.

**SHREVEPORT**—City Council let contract to Blythe Brothers, 2911 Hutchison Ave., Charlotte, N. C., $182,776 for laying of nearly three miles of big concrete pipe in the city's Bayou Pierre sewer project.

**SHREVEPORT** — First Methodist Church let contract to Southern Builders, Inc., P. O. Box 842, for alterations to auditorium and basement and air conditioning both church and educational buildings; $330,000.

**SHREVEPORT** — City received low bid from Barnet Brezner, P. O. Box 654, Alexandria, $224,270 for Querbes and Broadmoor Pumping Stations.

**SHREVEPORT**—City let contract to A. J. Rife Construction Co., Dallas, Texas at $231,374 for addition to incinerator.

**ST. MARTINSVILLE**—City let contract to Gulf Coast Electrical Co., Inc., New Iberia, for new electric power lines.

**ST. MARTINVILLE**—Dr. Bernard DeMahy received low bid from Herman L. Bienvenu for large residence, Main St.

**SULPHUR** — City Council let contract to Coastal Water Well Co., Elsh, for drilling water well.

**WEST LAKE** — Calcasieu Parish School Board let contract to T. Miller & Sons, Lake Charles, for West Lake School.

**WINNSBORO** — Franklin Parish School Board let contract to C. R. Adams, Winnsboro, $46,200 for classroom building at Ogden High School.

## MARYLAND

**ANNAPOLIS** — Anne Arundel County let contract to Mullan Contracting Co., 3945 Greenmount Ave., Baltimore at $910,000 for alterations and additions to Court House.

**ANNAPOLIS**—Anne Arundel County Sanitary Commission, Walter C. Munroe, Ch. Engr., water extensions to waterfront colonies on long Rock and Stoney Creeks.

**ANNAPOLIS**—House Armed Services Committee, Washington, D. C. tentatively approved expenditure of $2,000,000 for submarine test facility.

**ANNAPOLIS**—Annapolis Emergency Hospital, Sherrill S. Adams, Administrator, plans expansion.

**BALTIMORE**—Ellis and Bankert, Inc., 41 Belgrove Rd., plans seven residences, 80012 Benninghaus Rd.; $49,000.

**BALTIMORE** — Property Sales Co., 900 Court Square Bldg., plans nine residences, 5200-16 Kelway Rd.; $55,216.

**BALTIMORE**—Master Plan Committee of

(Continued on page 26)

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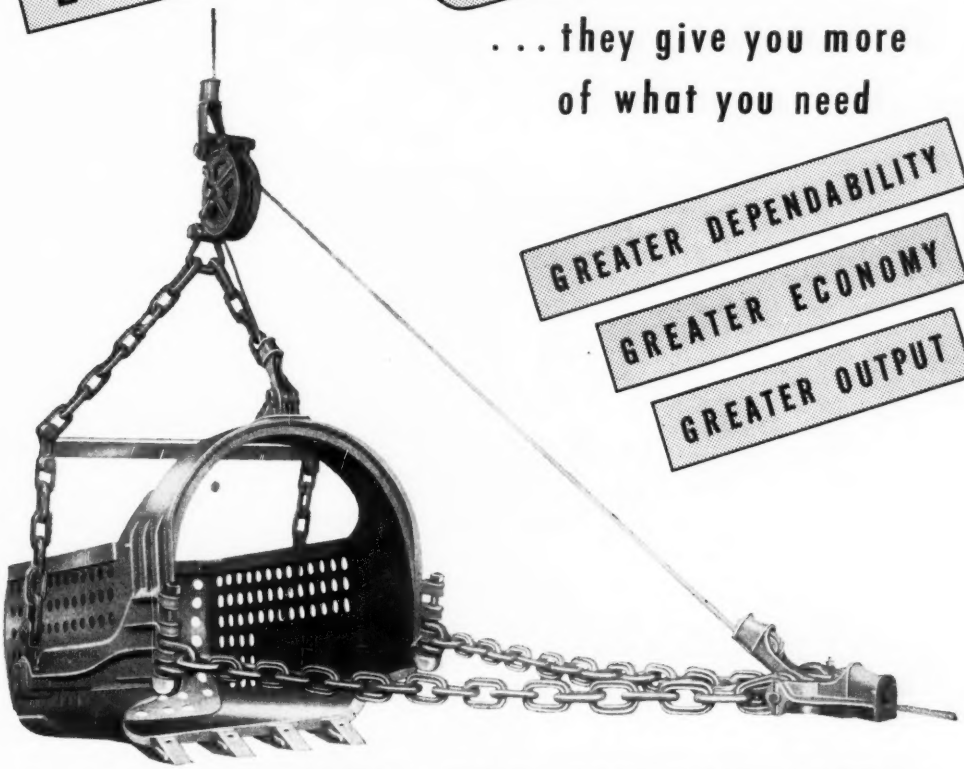

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**HENDRIX** *Lightweight* **DRAGLINE BUCKETS**

HENDRIX MANUFACTURING CO., INC.

MANSFIELD — LOUISIANA

# Southern Construction Projects

## MARYLAND

(Continued from page 26)

Planning Commission agreed on the proposal for the proposed second leg of the crosstown expressway.

**BALTIMORE**—Enoch Pratt Library, Henry C. Evans, Chmn., Trustee Building Committee, announced construction will be started on branch libraries in Pimlico, Edmondson Village, and on old car barn site at North and Pennsylvania Aves., $686,000; also $233,000 Hamilton branch and $207,000 Walbrook branch.

**BALTIMORE**—Monumental Life Insurance Co., Charles and Chase Sts., let contract to Cummins-Hart Construction Co., 2023 N. Charles St., for branch office, 1230-32 Light St; $50,000.

**BALTIMORE**—State Department of Public Improvements, 506 Park Ave., let contract to Smith, de Corse & Christhilf, 5106 York Road, for alterations, Butler Bldg. 200 West Baltimore St.

**BALTIMORE**—Mayer and City Council, Bureau of Building Construction, 410 Municipal Bldg., plans infirmary building, City Hospitals, 4940 Eastern Ave.

**BALTIMORE** — Board of Estimates received low bid from Valley Landscape Co., Falls Rd., for parking lot at school No. 520, Contract No. E-64-49.

**BALTIMORE**—Board of Estimates received low bid, $77,752 from Peter D'Adamo and Son, 2441 N. Charles St., for constructing conduit line and manholes; Contract No. 6.

**BALTIMORE** — Second Loch Raven Village Apartments, Loch Raven Blvd., N. Taylor Ave., Towsen, let contract to Loch Raven Construction Co., for 14 apartment buildings, $1,565,400.

**BALTIMORE** — Dr. Irwin J. Taylor, 124 Beechwood Ave., 28, let contract to L. F. Hampshire, 2920 Chesley Ave., 14, for dwelling on W. side Southvale Rd., 157 SW Seven Mile Lane, Dumbarton, $35,000.

**BALTIMORE** — American General Corp., O'Sullivan Bldg., let contract to Consolidated Engineering Co., Inc., 20 E. Franklin St., for alterations to first floor of building 210-14 W. Baltimore for use as store; $47,000.

**BALTIMORE**—Maryland Training School for Boys let contract to W. E. Bickerton Construction Co., 101 W. 22nd, Baltimore, for addition to boiler house.

**BALTIMORE** — Ascension Evangelical Lutheran Church, let contract to Smith, DeCorse & Christhilf, for church on York Rd. and Worcester Rd.

**BALTIMORE**—Locke, Inc., let contract to Whiting-Turner Contracting Co., 305 National Marine Bank Bldg., for improvements to mill 53 and conveyors, S. Charles St.

**BALTIMORE** — Board of Estimates, let contract to McLean Contracting Co., 1301 Fidelity Bldg., $1,397,200, for Potee street bridge over Patapsco River.

**BALTIMORE**—Kriel Packing Co., let contract to Lacchi Construction Co., 2023 Maryland Ave., for packing plant, 137 S. Warwick St.

**BALTIMORE**—Board of Estimates, let contract to Potts and Callahan, 500 W. 29th, for resurfacing with asphalt section of Belvedere Ave., Broxton Rd., Charles St., Layfayette Ave., Purlington Way, Putney Way, St. Vincents Rd., Tilbury, Rd., Tunbridge Rd. and Woodbourne Ave.

**BALTIMORE**—Conger Realty Co. let contract to W. E. Bickerton Construction Co., Inc., 101 W. 22nd St., for maintenance building alterations, 2101 Washington Blvd; $50,000.

**BALTIMORE** — City, J. H. Gaston, Purchasing Agent, placed order with Catho-lite Co., Inc., 4122 West Belvedere Ave., at $38,000 for cold cathode fluorescent lighting luminaires for installation in Baltimore Schools classrooms.

**BALTIMORE**—Board of Estimates let contract to Baltimore Contractors, Inc., 711 S. Central Ave., at $65,332 for alterations and additions to Lions Club Recreation Center.

**BALTIMORE**—Best Built Housing Corp., 2 E. Lexington St., plans 22 dwellings, 1000-42 Ellicott Driveway at Mosher St., $110,000.

**BALTIMORE**—Board of Estimates let contract to Peter D'Adamo & Son, 2441 N. Charles St., at $77,752 for conduit line and manholes, Contr. No. 6.

**BALTIMORE**—Board of Estimates let contract to National Paving & Contracting Co., 4200 Menlo Dr., at $59,952, for Contract No. 996, paving highways.

**BALTIMORE**—Board of Estimates, let contract to Trinity Building & Construction Co., 4420 E. Eager, for paving with concrete sections of Frankford Ave. and Hoffman St.

**BALTIMORE**—Board of Estimates let contract to Arundel Construction Co., Inc., 4420 E. Eager St., at $158,572, for resurfacing highways; Contract No. 1000.

**BALTIMORE** — Board of Estimates, received low bids for following projects:

Contract No. 990—resurface highways with cement concrete: Mahoney Brothers, 24 Knickerbocker Bldg., $130,334;

Contract No. 208—cement concrete footway: Louis Barbieri, 140 N. Lakewood Ave.

**BALTIMORE**—Board of Estimates, let contracts for following projects:

Contract No. 991—sheet asphalt resurfacing: The National Paving & Contracting Co., 4200 Manlo Dr., $133,447;

Contract No. 985—paving highways with cement concrete; Property Sales Co., 900 Court Square Bldg., $61,207.

**BALTIMORE**—Board of Estimates, let contracts for following projects:

Contract No. 993—cement concrete: Trinity Building & Construction Co., 4420 E. Eager St., $74,745;

Contract No. 994—cement concrete: Concrete Service Co., 423 E. 25th St., $39,966;

Contract No. 995—cement concrete curb and gutter: Pomer Construction Co., 2326 Reisterstown Rd., $52,489.

**BALTIMORE** — State Roads Commission, approved projects in following county:

**Baltimore** — resurfacing Allegheny Ave., .88 mi. and resurfacing .91 mi. of U. S. Rt. 140 through Reisterstown from Woodley Ave. to Westminster Rd.

**BALTIMORE** — State Roads Commission, received low bids for projects in following counties:

**Anne Arundel and Queen Anne's**—Contract No. CBB-103-87; Piers 32 to 57 inclusive, with permanent steel forms and supported on Steel H-Piles. Alt. No. 1: Merrit, Chapman & Scott Corp., 17 Battery Place, New York, base bid subtotal, $3,946,353, total, $4,697,060; Alternate No. 1 subtotal, $3,060,116, subtotal, $3,653,923.

**Allegany**—Contract No. A-419-1-615; single 72' 6" span steel girder bridge over George's Creek on Washington St. in Westenport, including removal of existing bridge and alterations and extensions of substructure: John D. Sheetz Construction Co., Halethorpe, $59,929.

**Anne Arundel** — Chesapeake Bay Bridge: Contract No. CBB-10-5-87, east abutment and bents, 30 to 65, inclusive as pile trestle bents, using 16" cast-in-place concrete piles: Booth and Flinn Co., Pittsburgh, Pa., $556,054.

**Anne Arundel**—Contract No. CBB-10-6-87; construction of Piers 1 to 10 inclusive, as conventional open cofferdam type piers supported on steel H-piles, for Chesapeake Bay Bridge, from Sandy Point, across Chesapeake Bay toward Stevensville; Merritt, Chapman and Scott Corp., New York, N. Y., $613,901.

**Anne Arundel and Queen Anne's** — Contract CBB-104-87; dredging for relocation of Sandy Point Ferry Slip Channel, West Abutment and Bents Nos. 1 to 29 inclusive at Pile Treatle Bents, using 16" cast-in-place concrete piles, Alternate No. 1 & 2: Booth & Flinn Co., Tennyson & Bigelow, Pittsburgh, Pa. $495,566.

**Howard and Prince George's**—Contract No. HO-202-2-315, P-461-2-515; grading, drainage and surfacing of Laurel By-Pass, 1.555 mi., reinforced cement concrete pavement; Williams Construction Co., Middle River, $382,492.

**Anne Arundel and Queen Anne**—Contract No. CBB-10-2-87, Piers 1 to 22 incl. and Piers 29 to 31 incl. with permanent steel forms and supported on Steel H-Piles; Alt. No. 1: Frederick Snare Corp., 233 Broadway, New York, $3,666,939 and Alt. No. 1, $2,918,518.

**Anne Arundel and Queen Anne**—Contract No. CBB-10-7-87; piers 41 to 57 inclusive as conventional open-cofferdam type piers supported in Steel H-Piles: Merritt, Chapman & Scott Corp., 17 Battery Place, New York City, $915,475.

**BALTIMORE** — State Roads Commission, L. H. Steuart, Sec., 108 E. Lexington St., let contract for projects in following counties:

**Montgomery**—Contract M-460-315—furnishing, delivering and applying of bituminous concrete resurfacing, Spec. B; (1) along Bradley Blvd., State Route No. 191, along Leland St., State Route No. 82, 1.102 miles; McGuire & Rolfe, Inc., Washington, D. C., at $39,842.

**Anne Arundel** — Contract AA 389-2-315—grading, drainage and surfacing of a dual highway by relocating, to South River, for a distance of 3.466 miles; Nello L. Teer Co., Durham, N. C., at $1,411,110.

**Montgomery** — Contract M 458-315 — furnishing, delivering and applying of bituminous concrete resurfacing, Spec. B, along (1) Second Ave., 1.10 miles; (2) Franklin Ave., 0.89 mile; (3) Blair Road, State Route No. 184, 0.38 mile, total distance of 2.37 miles; McGuire & Rolfe, Inc., Washington, D. C., at $82,914.

**Prince George's** — Contract No. P-596-1-515—widening and drainage of existing 22-ft. concrete and macadam roadway to 36 ft., with a 5-inch macadam base course and a 3-inch penetration macadam surface course, a width of 14 ft., on the Suitland Road, State Route No. 218, 0.959 miles; McGuire & Rolfe, Inc., Washington, D. C., at $44,145.

**Montgomery**—Contract No. M-459-315; furnishing, delivering and applying bituminous concrete resurfacing, Spec. B, along East-West Hwy., Alfred H. Smith, Branchville, $231,016.

**Frederick** — Contract No. F-502-615; concrete shoulders along section of U. S. Rt. No. 15, Thomas, Bennet and Hunter, Inc., Westminster, $148,539.

**Baltimore** — Contract No. B-594-1-415; bituminous concrete resurfacing, Spec. B, State Rt. No. 7, Old Philadelphia Rd., 2.002 miles; Belair Rd., U. S. Rt. No. 1, distance of 0.138 mile; Harry T. Campbell Sons Corp., Towson, $86,798.

**St. Mary's** — Contract No. SM-286-1-515, grading, drainage and surfacing section of highway along State Rt. No. 242, 4.205 mi., gravel surfacing and bituminous stabilized base course; F. P. Asher Jr. & Sons, Inc., Annapolis, $298,046.

**Baltimore** — Contract No. S-578-4-415, grading Mr. John H. Zink's entrance which intersects present York Rd. at northern boundary of Timonium Fair Grounds and reinforced concrete underpass to carry York Rd. relocation over entrance, just west of railroad; Allied Contractors, Inc., 204 E. Preston St.; $57,943.

**Allegany** — Contract No. A-417-1-615, grading, drainage and surfacing of curve modification along Bedford Rd., U. S. Rt. 220, 0.187 mi., bituminous concrete surfacing and macadam base course; Baughman Contracting Co., Cumberland, $44,147.

**Allegany and Washington** — Contract No. A-407-1-615, W-392-1-615, FAP No. F-142(3); grading, drainage and surfacing relocation of US Rt. No. 40, 6.939 mi.; M. J. Grove Lime Co., Lime Kiln, $2,090,212.

**Garrett** — Contract No. G-192-2-615, modification of vertical and horizontal curves, several relocations, concrete retaining wall and resurfacing section of US Rt. No. 40, 3.533 mi. including reinforced concrete box culvert at Mill Run; S. T. Brotemarkle Construction Co., Cumberland $537,059.

**Dorchester**—Contract No. D-102-1-115, FAP No. S-183 (1); timber bridge and approaches, State Rt. No. 16 to Taylor's Island; John D. Sheetz Construction Co., Halethorpe, $219,247.

**Anne Arundel** — Contract No. AA-368-5-358, FAP No. UI-UGI-465(13), dual 6-span steel I-beam bridges to carry Washington-Baltimore Expressway over Pennsylvania Railroad and Stoney Run; Brooklyn Engineering Corp., 1100 E. 25th St., $502,405.

**BALTIMORE**—Board of Estimates received low bid from Carl H. Klinejohn, 3726 E. Pratt St., for plumbing modernization, additional toilet rooms, school No. 27, Contract No. E-81-49.

**BALTIMORE** — Board of Estimates plans new People's Court and Archives Building, Fayette, Gay and Frederick Sts., $2,500,000.

**BALTIMORE**—Board of Estimates received low bid from Ruta Construction Co., 3507 Sequoia Ave., $37,388 for storm drains, contract No. 247.

**BALTIMORE**—Board of Estimates received low bid from National Paving Co., 4200 Menlo Dr., at $49,166, for Contract No. 1001, repair service cuts and adjacent areas.

**BALTIMORE**—Board of Estimates, let contracts for following projects:

Contract No. 998—sheet asphalt resurfacing: P. Flanigan & Sons, Inc., 2405 Loch Raven Rd., $149,996.

Contract No. 997—sheet asphalt resurfacing: Baltimore Asphalt Block & Tile Co., 1320 N. Monroe St., $120,478.

**BALTIMORE** — University of Maryland plans psychiatric Institute for University of Maryland Hospital, $2,000,000 and nurses home, $300,000.

**BALTIMORE** — Central Parking Co., 216 Guilford Ave., parking garage, 220 Guilford Ave. at Saratoga; $145,000.

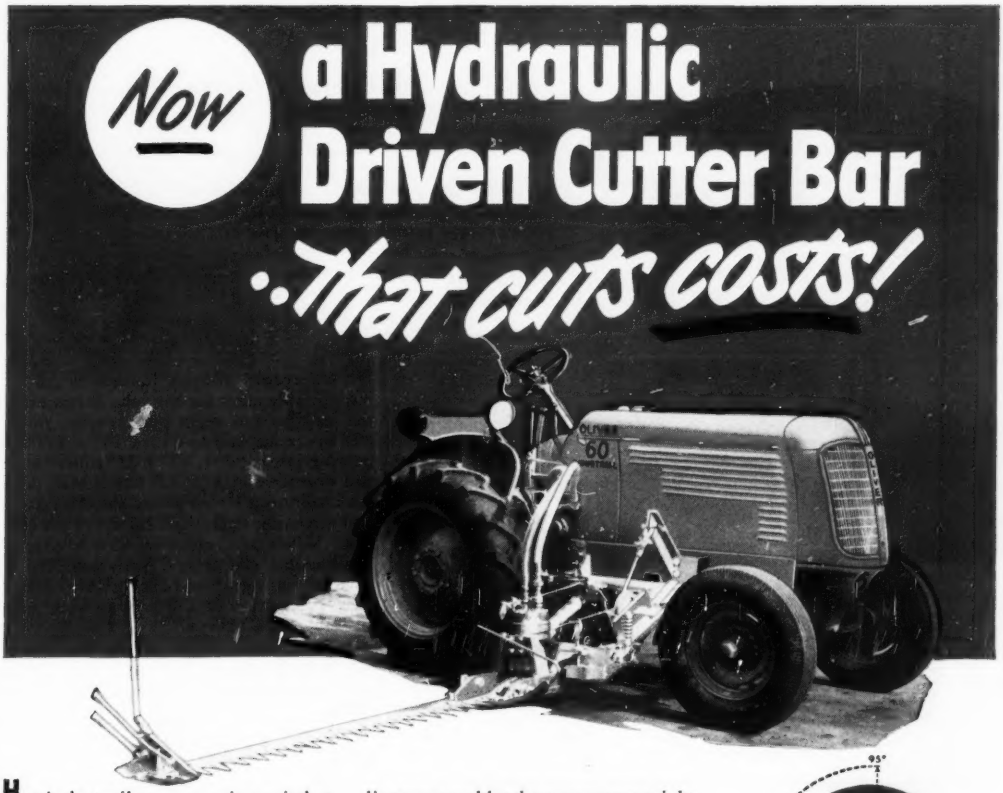
**BALTIMORE** — Beth El Congregation let contract to Cogswell Construction Co., 513 Park Ave., Baltimore 1, for school, Hilton St. & Dorithan Ave.

**BALTIMORE**—Board of Estimates let contract to Allied Contractors, Inc., 204 E. Preston St., for alterations and additions, rear 1139-45 Granby St.

**BALTIMORE** — Housing Authority of Baltimore City, 709 E. Eager St., let contract to Charles R. Scrivener Co., Inc., 339 St.

(Continued on page 36)

# Now a Hydraulic Driven Cutter Bar ..That cuts costs!

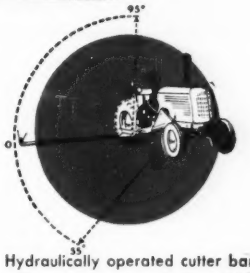


Here's the really new mowing unit that cuts mowing costs on anything from thick matted grass to moderate brush. Oliver Model "60" and "77" Industrial Wheel Tractors and Davco Hydro-Mowers assure lowest cost per mile of mowing. Here's why!

The hydraulic motor drive of the knife makes possible smooth operation. Hydraulic safety mechanism practically eliminates damage to the knife that might be caused by refuse in the mowing path.

This efficient, new unit will mow at any angle from 55° below to 95° above the horizontal. Constant speed hydraulic power enables the mower to cut right up to an obstruction. Finger-tip control that instantly raises the cutter bar hydraulically to clear obstructions...full visibility . . . and lack of vibration effectively reduce operator fatigue . . . permit more work to be done per day.

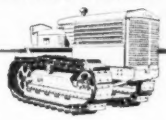
Oliver Industrial Wheel Tractors and Davco Hydro-Mowers are the ideal units for highways, railroad right-of-ways, parks, airports, and plant grounds. Your Oliver Industrial Distributor will be happy to give you all the facts on lower mowing costs or, write The Oliver Corporation, Industrial Division, 19300 Euclid Avenue, Cleveland 17, Ohio.



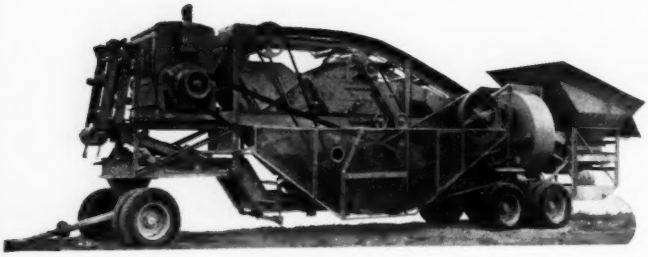

Hydraulically operated cutter bar will mow at any angle from 55° below to 95° above the horizontal. The shoe can be raised 18 inches above the ground level.

## THE OLIVER CORPORATION

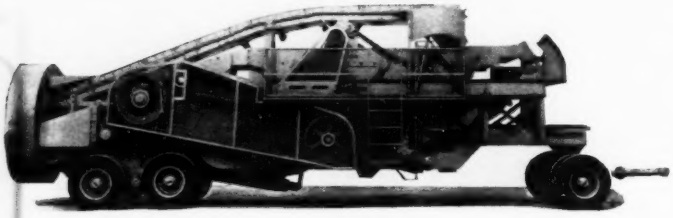
***A Complete Line of Crawler and Industrial Wheel Tractors***



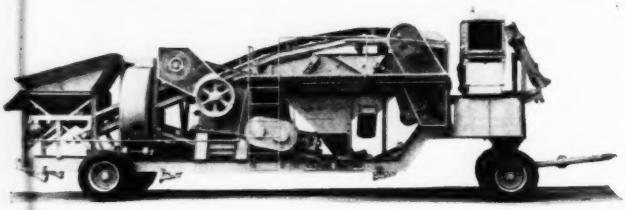
# Here's a complete line of portable plants that will meet your every requirement



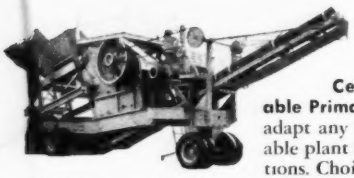
**The Cedarapids Junior Tandem** is one of the most popular portable crushing and screening plants because it will handle most aggregate producing jobs. The 36″ x 10′ horizontal vibrating screen assures greater capacity and the higher efficiency and closer grading needed for meeting the most exacting specifications. 10″ x 24″ or 10″ x 36″ roller bearing jaw crusher and 24″ x 16″ roller bearing roll crusher provide plenty of capacity for jobs requiring an unusually high percentage of crushing. Operators report production of 110 tons per hour—and more—crushing to ⅝″ with 75% crushing.



**The Cedarapids Master Tandem** is the ideal big portable plant for big jobs. It contains all the features that mean big capacity, trouble-free operation and low cost. 10″ x 36″ roller bearing jaw crusher, 40″ x 22″ roller bearing roll crusher and 4′ x 12′ horizontal, double deck vibrating screen assure smooth crushing and screening operations for every pit condition. V-belt and universal drives eliminate troublesome chains and sprockets. No lost time for setting up and taking down between jobs. Production of 150 tons an hour is easy for a Master Tandem.



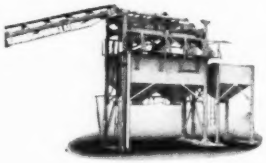
**The Cedarapids Pitmaster** is the smallest portable tandem plant in the Iowa line. Every feature is designed and built for low operating and maintenance costs as well as exceptionally low first cost. 10″ x 16″ roller bearing jaw crusher, 16″ x 16″ roller bearing roll crusher, 30″ x 9′5″ horizontal double deck vibrating screen assure production of more than 50 tons per hour under average conditions.



**Cedarapids Portable Primary Crushers** will adapt any Cedarapids portable plant for quarry operations. Choice of five sizes of single jaw crushers from 15″ x 24″ to 32″ x 40″ and an 18″ x 36″ twin jaw crusher.

**Cedarapids Secondary Units** are similar to the portable tandem plants but use only one crusher, either a roll, cone, twin jaw or hammermill. Choice of sizes to fit your requirements. Units with any of the first three types of crushers are complete gravel plants but when used with primary or scalping unit will handle crushed stone too. The hammermill secondary will produce agricultural lime or roadstone or a percentage of both.

**Cedarapids Scalping Units** consist of a single jaw or twin jaw crusher, horizontal, double-deck vibrating screen with conveyors, all mounted on pneumatic tired trucks. May be used for primary crushing when oversize is not too large, or to follow a portable primary in a quarry. Choice of five sizes.



**Cedarapids Wet or Dry Screening Units** are made up of a two-compartment, welded steel bin with a Cedarapids horizontal double-deck vibrating screen mounted on top. Spray bars can be added for washed aggregate. Choice of 40, 50 or 60 cu. yd. sizes.

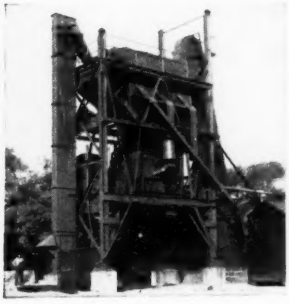
**THE IOWA LINE** *of Material Handling Equipment is distributed by*

G. C. PHILLIPS TRACTOR CO., INC., Birmingham 3, Ala.; KERN LIMERICK, INC., Little Rock, Ark.; PERSINGERS, INC., P. O. Box 1866, 520 Elizabeth St., Charleston, W. Va.; PERSINGER SUPPLY CO., Williamson, W. Va.; FLORIDA-GEORGIA TRACTOR CO., Jacksonville, Miami, Lakeland, Tallahassee and Orlando, Fla., Savannah and Waycross, Ga.; YANCEY BROTHERS CO., Atlanta and Augusta, Ga.; THE G. W. VAN KEPPEL CO., Kansas City, Mo.; WILSON MACHINERY & SUPPLY CO., Lexington 15, Ky.; McCLUNG-LOGAN EQUIPMENT CO., INC., Baltimore, Md.; JACKSON ROAD EQUIPMENT CO., Jackson, Miss.; E. F. MARSH CO., St. Louis 10, Mo.; NORTH CAROLINA EQUIPMENT CO., Raleigh, Charlotte, Asheville & Wilmington, N. C.; SOUTHWEST MACHINERY CO., Oklahoma City, Guymon, Hobart and Tulsa, Okla.; SOUTHERN EQUIPMENT SALES CO., Columbia & Greenville, S. C.; ROAD BUILDERS EQUIPMENT CO., Memphis 2, Tenn.; OSBORNE EQUIPMENT CO., Knoxville and Chattanooga, Tenn.; BROWNING-FERRIS MACHINERY CO., Dallas and Houston, Texas; TRI-STATE EQUIPMENT CO., El Paso and Odessa, Texas; CONTRACTORS MACHINERY CO., San Antonio, Texas; VIRGINIA TRACTOR CO., INC., Richmond, Roanoke, Waynesboro and Norfolk, Va.; WEST VIRGINIA MINE SUPPLY CO., Clarksburg, W. Va.; THOMPSON & GREEN MACHINERY CO., Nashville, Tenn.; DUNHAM-PUGH CO., INC., 1335 Choctaw Rd., P. O. Box 1068, Baton Rouge, La.

Cedarapids

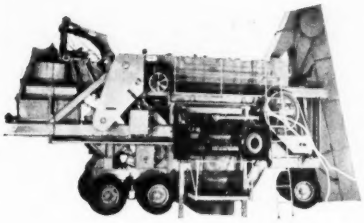
Built by IOWA

# for low cost construction



*Left*

**Cedarapids Model "E"**, all-electric, batch type bituminous mixing plant is completely portable and yet will handle 2000, 3000 or 4000 lbs. per batch. Will handle hot or cold mixes. Also offered in 2000, 3000 and 4000-lb. capacities with gasoline or diesel power and with or without wheel equipment.

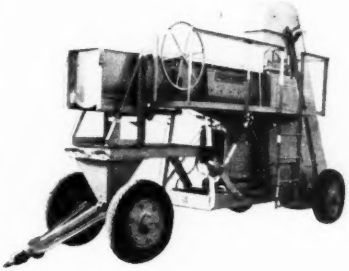


*Above*

**The Cedarapids Model "A"** is a knock-down type, 1000-lb. batch bituminous mixing plant built to handle medium sized black top jobs at a profit. 2′ x 6′ Cedarapids-Symons screen, 1000-lb. capacity pug mill, 4′ x 16′ drier, batcher and elevators are perfectly balanced to make a smooth, reliable plant.

*Right*

**Cedarapids Model "FA"** is a super-portable batch-type bituminous mixing plant that you can take to widely scattered jobs and set it up for operation in a very few hours. 25 cu. ft. per batch assures big capacity. Pug mill discharges directly into truck. Finger-tip pneumatic controls on ground level operator's platform. Gasoline, diesel or electric power.

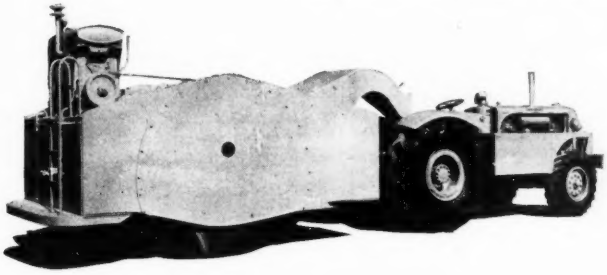


*Right*

**The Cedarapids Patchmaster** is the handiest, most portable, low-cost volumetric measuring type bituminous mixing plant for small or medium sized jobs requiring 25 to 30 tons per hour. Ground-level charging hopper and truck-high pug mill discharge simplify operation. May be set up as permanent plant or kept on wheels for easy portability.

*Right*

**The Cedarapids Master Mixer** is a two unit, continuous mix type bituminous mixing plant with a capacity of 100 to 150 tons per hour. Mixing unit consists of single shaft pug mill, bitumen pump, elevator and power unit. Gradation unit has 42″ x 10′ Cedarapids-Symons screen, three compartment bin, feeder and elevator.

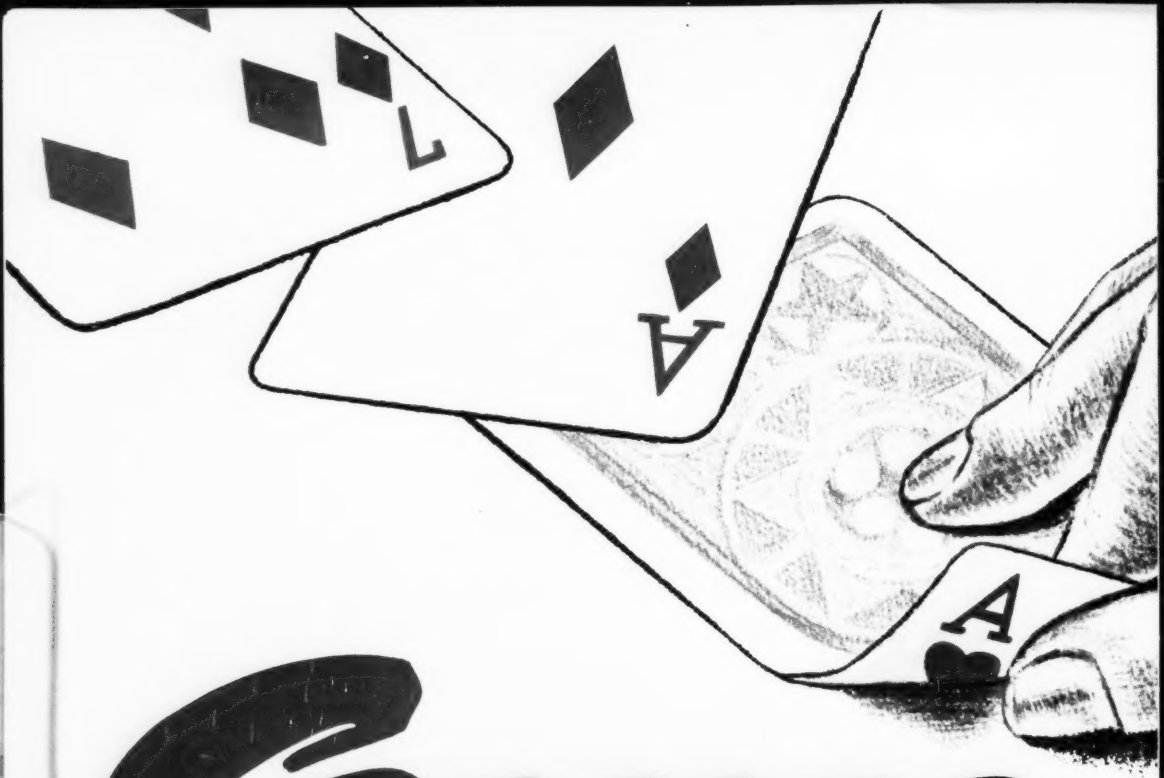


*Left*

**The Cedarapids Compactor** is the answer to your compaction problems whether compacting highway subgrades and bases, airport runways or dam fills, stabilizing soil cement or soil and graded aggregate. It combines a heavy rubber-tired roller with a vibrating mechanism. Offered in 25,000 and 60,000 lb. models.

# IOWA MANUFACTURING COMPANY

**Cedar Rapids, Iowa, U.S.A.**



# SEEPER

Hidden power that pulls through hard going . . . that's what gives every International diesel crawler its reserve lugging ability.

The engines that give International crawlers their bulldog hang-on have governors with built-in torque control. This device instantly increases engine torque as much as 15% when the load demands it and puts added drive behind the blade or added pull at the drawbar.

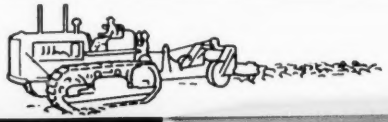
Hidden value in the rugged construction of International crawlers, in their *exclusive* all-weather starting system, in the advanced design fuel combustion which makes Internationals so economical to operate . . . plus all the other pronounced advantages which they provide . . . that's what your International Industrial Power Distributor offers.

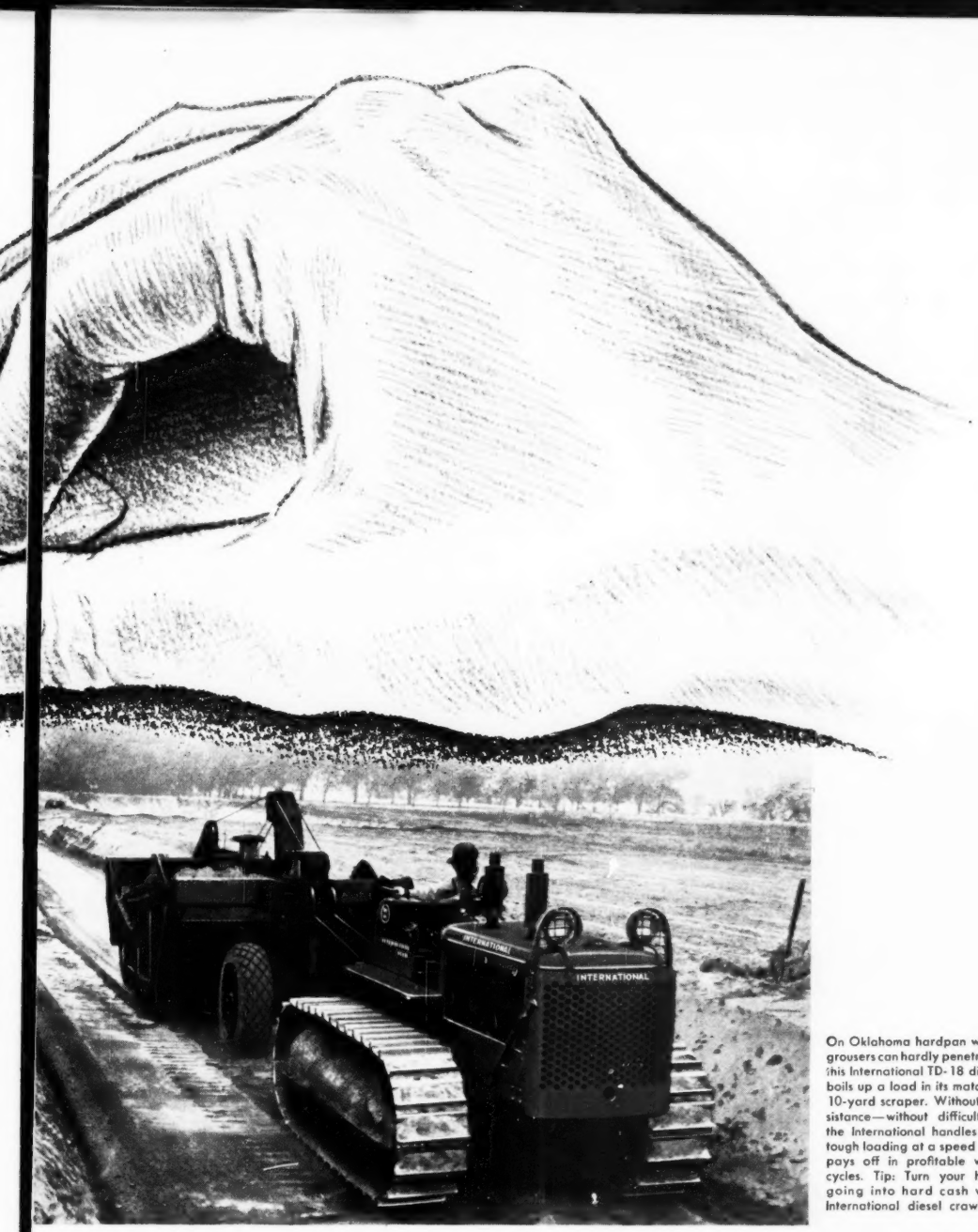
Contact him for power and equipment that wins, that pays off in profits even when the bidding is close.

**INTERNATIONAL HARVESTER COMPANY**
**CHICAGO**

Standardize on Power that Pays

**CRAWLER TRACTORS • WHEEL TRACTORS • DIESEL ENGINES • POWER UNITS**

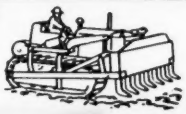


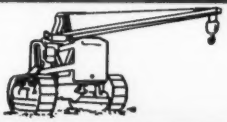


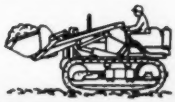

On Oklahoma hardpan which grousers can hardly penetrate, this International TD-18 diesel boils up a load in its matched 10-yard scraper. Without assistance—without difficulty—the International handles this tough loading at a speed that pays off in profitable work cycles. Tip: Turn your hard going into hard cash with International diesel crawlers.

INTERNATIONAL HARVESTER

# INTERNATIONAL
## INDUSTRIAL POWER







*Above—The $60,000,000 Clark Hill project view from the crest of the partly finished east embankment on the South Carolina side of the river. Foundation excavation is in progress in the foreground, as well as the initial lift of the terminal cone for the east embankment. Construction is in progress on the second stage cofferdam, which will enclose the power intake part of the concreting operations. This is shown in the middle of the river with extension of sheet piling cells upstream and downstream and filling of the cells by the suction dredge. First stage concrete work completed within the west cofferdam appears in the center of the picture, together with the construction trestle and one of the American Revolver cranes used to place the concrete. The partially completed west embankment is in the background. In the left foreground is the concrete plant.*

# Clark Hill Dam Approaches Quarter-Way Mark

CONSTRUCTION on the $60,000,000 Clark hill dam now under way on the Savannah River, about twenty-two miles above Augusta, Ga., is approaching the quarter-way mark, according to H. L. Lapp, executive officer for the Savannah office of the Corps of Engineers, under whom the work is being done.

Being constructed on granite in the river bed, the main part of the project is covered under a $26,456,197 contract with All-States Constructors, Inc., a joint organization composed of Massman Construction Co., Kansas City, Mo.; J. A. Jones Construction Co., of Charlotte, N. C.; Blythe Brothers, also of Charlotte; Ralph E. Mills Co., of Salem, Va.; Walsh Construction Co., of Davenport, Iowa; B. Perini & Sons, Inc., of Framingham, Mass.

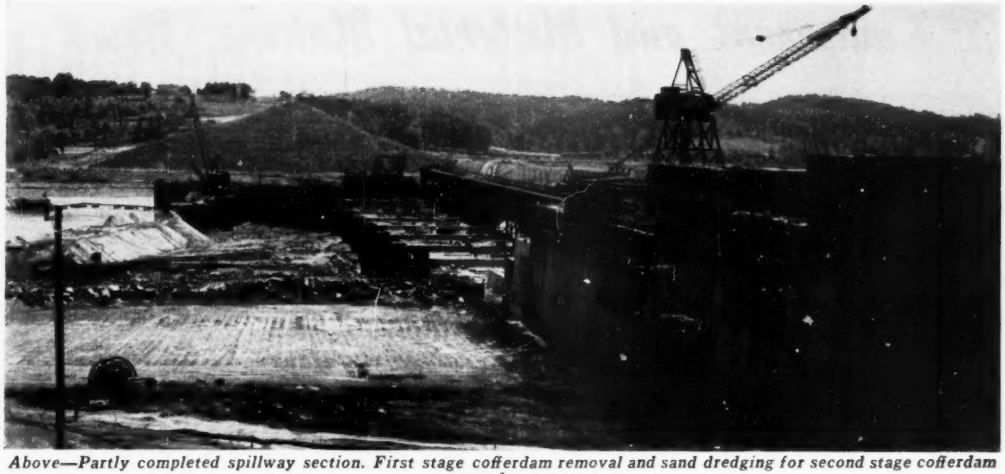
Involved in the main contract are huge quantities of work and materials, including such figures as the 2,070,540 cubic yards of excavating, 67,000 of which are in rock; 1,435,000 cubic yards of compacted fill and 1,053,000 cubic yards of concrete, of which 947,000 cubic yards will be placed in the dam; 36,500 cubic yards by bucket and 52,500 cubic yards in the reinforced concrete piers and walls and 12,000 cubic yards in the west embankment retaining wall.

The concrete items and the excavation, as well as care and diversion of the river during construction, account for the large part of the $26,456,197 cost of the main contract. The concreting and excavation total is $15,221,430; diversion of the river, $970,000. Two other items involve $4,749,210—$3,942,950 for the 1,177,000 barrels of cement and $806,260 for the 6,202,000 pounds of reinforcing steel.

Estimates place the value of the construction plant at $3,500,000, including the concrete mixing plant, rock crushing and sand plant, ice and refrigeration facilities, steel trestles, gantry cranes. Much of the material—sand and aggregate—is coming from within a few thousand yards of the project, where Grady L. Bain is resident engineer.

The Clark Hill project is part of a plan for development of the Savannah River estimated to cost around $150,000,000 for eleven dams. Engineers recommended the Clark Hill project as the initial step, this to add 280,000 kilowatts of generating capacity to that now installed in eastern Georgia and western South Carolina.

*Below—Downstream view of spillway concrete section from atop one of the cofferdam cells near midstream. The west retaining wall appears at the left. The platform on the hill is for visitors.*



*Above—Partly completed spillway section. First stage cofferdam removal and sand dredging for second stage cofferdam are under way.*

*Above—Another view of first stage spillway concrete from atop a cofferdam near midstream.*

*Below—General view of construction layout, looking northeast. Allstates Constructors, Inc. are the contractors.*

# Equipment and Material Makers' News

## Allis-Chalmers Reports Second Quarter Earnings

Net earnings of $4,999,445, equal to $1.87 per common share after preferred dividends of $292,000 have been announced by the Allis-Chalmers Manufacturing Co., Milwaukee, Wisc., for the second quarter of 1949. In the first quarter of 1949, the net earnings amounted to $4,877,983, which is equal to $1.82 per common share after preferred dividends.

## Link-Belt Official Dies

After an illness of several months, Edward J. Burnell, vice-president, general sales manager, and director of the Link-Belt Co. of Chicago, Ill. died at his home in Winnetka, Ill.

Mr. Burnell served the Link-Belt company in many important capacities in engineering, sales and plant management. He was a director of the American Mining Congress, the Drexel State Bank of Chicago, the Foundry Equipment Manufacturers Assn., and the Conveyor Equipment Manufacturers Assn. He also served as vestryman and senior warden of St. Paul's Episcopal Church and as director of the Y.M.C.A. in Hyde Park, Chicago.

## New Harnischfeger Member

A. J. Rinnander, formerly with the Chicago Pneumatic Tool Co., New York, has become a member of Harnischfeger Corp., Milwaukee. Mr. Rinnander will supervise field activities, Zip-Lift Hoist distributors and sales on a national basis under the direction of E. W. Potratz, manager Hoist & Trav-Lift Crane Division, Milwaukee. The announcement was made by F. Salditt, vice-president in charge of sales.

## Link-Belt Shovel-Crane

Link-Belt Speeder Corp. of Cedar Rapids, Iowa, has announced a new addition to its line of shovel-cranes. The new crane, Model LS-51, is equipped with the well known Speed-o-Matic full hydraulic controls which was first introduced in 1936. Until now, the hydraulic controls have been available only on machines of 1½ to 3 yd. capacity. Proven by years of profitable service, the hydraulic system provides faster operation, greater output, and lower maintenance cost to LS-51 owners and sets a new standard of performance for machines of the ½ yd. class.

The LS-51 is fully convertible for operation as a shovel, trench hoe, lifting crane, dragline, clamshell or pile driver. Changing from one attachment to another is quickly accomplished with only slight changes in the machinery. The front drum lagging used in dragline and other cable operations is interchangeable with a split sprocket used in connection with the Independent Positive Chain Crowd on shovel operations. The chain crowd provides faster, deeper penetration in heavy excavation and insures a full dipper on every trip.

Complete details and specifications on the new crane are contained in Catalog No. 2356.

## Hydraulic Tire Remover

Perfected by the Goodyear Tire and Rubber Co., of Akron, Ohio, the new hydraulic tire remover is designed to facilitate the breaking loose of tire beads from the rims of giant earthmovers. According to the firm's engineers, the tool will operate on any tapered bead rim of Goodyear design, and should prove to be a great time and labor saver in changing these large tires. The new tire remover is a result of several years of testing and development, and has been demonstrated successfully to numerous major earthmoving accounts.

## Power Chain Saw Improved

Developed and produced by the Poulan Saw Co., of Shreveport, La., the new Homelite one-man, gasoline-powered saw with quick-mounting attachments utilizes a single source of power for all types of timber cutting. The new model saw contains many new features including a new oiling system built into the idler. The problems of weight, portability, excessive friction, and binding have been overcome by Poulan's research in chain saw performance.

The light weight Poulan attachments, designed to cut lower to the ground, leave less stump and more log. The non-pinching speed saw attachment saves many hours of valuable cutting time by preventing binding and reducing the need for pry poles or wedges.

The Poulan Company will introduce the new Homelite saw to the southern market, and in addition to distributing the saw, will manufacture attachments furnished with it.

## Jaeger Describes Line in New Catalog GC-9

Catalog GC-9 is now available by writing Jaeger Machine Co., 550 W. Spring Street, Columbus 16, Ohio. Covering the entire list of Jaeger products, the 40 page booklet describes "Sure-Prime" Pumps, "New Standard" compressors, "Speedline" building mixers, "Hydro-Hoist" hoists, truck mixers and truck agitators and Jaeger paving machinery, the latter including the bituminous paver, diagonal-screed finisher, DeLuxe finisher, widening finisher, concrete spreader, "truck paver," bituminous "cold-mix" plant and adjustable spreader.

Jaeger Machine Co., the booklet reveals, pioneered the modern, compact centrifugal pump with the present line of "Sure-Prime" units embracing lightweight, heavy duty, high pressure, jetting, caisson and lift and force diaphragm types. The one and one-half inch Bantam weighs only 60 pounds. The big 10-inch, four-wheel trailer-type units deliver up to 240 gallons an hour.

"New Standard" AirPlus compressors are available in 75, 125, 185, 250, 365 and 600 cubic feet per minute capacities. Jaeger "Speedline" mixers are described in the catalog as "the world's best known and most complete line of concrete, mortar and bituminous materials mixers." They range from the little 3½-S tilter to the big 16-S model.

Jaeger "Hydro-Hoists" come with one, two and three drums and range in horsepower from 25 to 100. The utility models are 25 to 40 horsepower and have one and two drums. The Jaeger self-raising "Hoister" tower is a quick erecting unit that can be transported to the job by truck, assembled on the ground—Jaeger officials say two men can do it in a couple of hours—and by starting its 17-horsepower engine, raise the tower to position. Standard height is 37 feet. Tubular sections in 10-foot lengths can increase this to 67 feet. The entire unit can be moved about the job on its skid base.

The widely known Jaeger truck mixers and street, highway and airport paving machinery are also described in the new catalog. The Jaeger BP-5 bituminous paver is instantly adjustable for paving widths from 5 feet 8 inches to 12 feet 6 inches by turning a handwheel and closing block-off gates on widths below 9 feet. It lays any thickness up to 6 inches. The Jaeger Type X has a combination of transverse front screed and diagonal rear screed to produce an accurate, smoother riding concrete surface. It comes in two standard widths—10 to 15 feet and 20 to 25 feet.

Of the power driven finishers and its teammate the concrete spreader as originated and perfected by Jaeger engineers, the catalog says they made possible the modern dual-drum paving pace first fully demonstrated on the Pennsylvania Turnpike and since used to pave millions of square yards of airports and highways at speeds even exceeding 300 lineal feet of 25-foot slabs per hour. All are adequately described.

## Steel & Wire Announces New Area Managers

Appointment of three American Steel & Wire Co. sales officials to newly-established posts of area managers of sales has been announced by H. M. Francis, vice president-sales of this U. S. Steel subsidiary.

The three areas set up under the new territorial plan cover all sales districts served by the company. The three area managers who will be located at New York, Cleveland, and Chicago, will report directly to Mr. Francis and John Graham, the company's general manager of sales. The appointments were effective August 1.

Named to the post of eastern area manager of sales, with headquarters in New York, was Roswell F. Curtis, since 1945 the manager of the company's manufacturers' products sales division. Appointed to a similar post for the central area, with headquarters in Cleveland, was Howard B. Maguire, the company's sales manager at Detroit since 1933. Named western area manager of sales, with headquarters in Chicago, was Clarence T. Gilchrist, Chicago sales manager from 1937 to 1945 and since that date assistant general manager of sales for the Chicago district.

## Car Tracks Removed by Jaeger

To remove the outer two of four sets of streetcar tracks from San Francisco's famous Market Street and prepare for resurfacing, Eaton & Smith employed an unusual unit to line cut along curbs and tracks before excavating. Cutting of the asphaltic concrete surface and concrete base material was done by a row of 3-inch automatic-feed, drifter drills, mounted in quickly adjustable saddles on a heavy crossbar.

By using a "new standard" Jaeger 600-cubic foot compressor on the unit, instead of an ordinary standard 500-cubic foot, the contractor was able to add a fifth drill, thereby increasing his daily length of cut 25%. A row of five 2⅛" holes, 12 inches apart, was drilled in about 30 seconds. The truck was then shifted 6 inches and a second series of holes drilled between, and one hole beyond, the first series before the truck moved on to the next drilling position. This preparatory cutting prevented over-break on the pavement when excavating.

## Rubber Tired Attachment for Adnun Paver

Foote Co., Inc., Nunda, N. Y., builders of paving equipment for both concrete and black top construction, announces a new rubber tired stone attachment for the Adnun Black Top paver. This device is made up of rubber tired wheels, carrying standard tires, which will replace the rollers under the rear of the Adnun which are supplied for laying black top.

The rubber tired stone attachment should be used when laying stone or chips and it makes possible the development of the full effectiveness of the 4-wheel drive design of the Adnun, eliminating slipping and giving greater improved traction in laying stone and doing away with damage to rollers by pitting, which often occurs particularly when laying coarse stone. The device can be placed on any Adnun now in the field using the large steel rollers.

## Reardon Studying Floors in European Buildings

William J. Reardon, president of Reardon Industries, Inc., Cincinnati, Ohio, is making a tour of Italy, France, Ireland, England, Portugal and Switzerland to study construction of concrete floors in monumental buildings. Maker of colors for terrazzo and concrete, Mr. Reardon believes that the concrete floor industry is approaching a new day and that a study of older methods would be appropriate for comparative purposes.

## New Thor Bulletin

Independent Pneumatic Tool Co., of Aurora, Ill. has issued a new four page circular describing all models in the Thor Silver Line of portable electric tools. Included are detailed descriptions of Thor's universal electric ⅝-inch impact wrench, drills, grinders, polishers, sanders, and portable electric saws. Each tool is pictorially illustrated with accompanying mechanical specifications.

## New Caterpillar Booklets

The Caterpillar Tractor Co. of Peoria, Ill., has issued three new pictorial booklets featuring development of sanitary landfills, adaptability of motor graders to road maintenance, and versatility of Caterpillar equipment.

The eight-page booklet, "Lowering Health and Sanitation Costs," presents the need for the development of sanitary landfills for garbage and refuse disposal from the cities and communities of the nation. Profusely illustrated, Form 12314 offers readers the various steps of garbage disposal as applied through Caterpillar equipment. The publication features seven steps in the advantages of sanitary landfills and broadens its presentation by giving the use of Caterpillar Diesel engines and electric sets for powering many installations devoted to serving the public in sewage, light, and water facilities.

Form 12258, "'Cat' Motor Graders Do The Job," features the adaptability of motor graders to various methods of road maintenance the year round. The sixteen-page booklet illustrates the applications of precision ditching, bank shaping, general road maintenance, mixing road surfaces, terracing and snow removal, and offers performance records on coast-to-coast projects by these units. Highlights of design with the various models are graphically presented.

The company's other sixteen-page booklet, "Slope Stake To Final Grade With Caterpillar Equipment," presents a complete package of heavy duty equipment that is Caterpillar powered from slope stake to final grade. A detailed method of pioneering the land through the applications of machines engineered and designed for low cost clearing, short haul work and initial cut performance is presented along with emphatic informative material and pictorially displayed projects.

# EQUIPMENT AT WORK

By L. H. Houck

Above—C Tournapull at work on Greeneville, Tenn., airport handled 15 loads per hour, 700 feet one-way over 6 per cent grades—150 pay yards per hour. Contractor was B. G. Young and Sons, Johnson City.

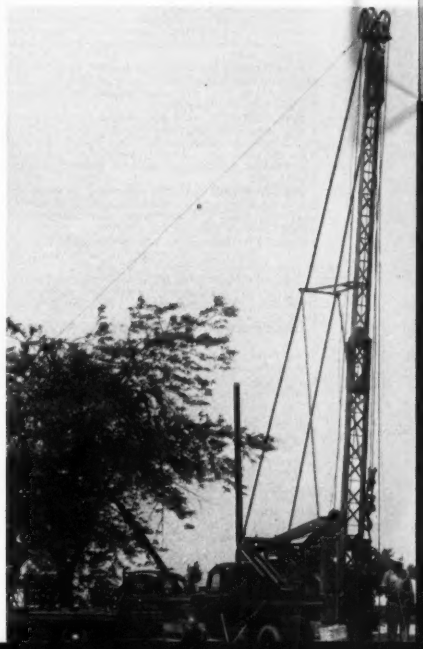
Below—H. C. Price Company laid two miles of 24- and 30-inch Tennessee Gas Transmission Company's second line from Texas to West Virginia with 18 operators and 18 Lincoln welders. This picture taken near Victoria, Texas.

Below—Super C Tournapull being push-loaded with a Tournadozer on wet slick clay on a Missouri highway job—the combination produced full loads in the scraper in as little time as a minute and a half.

Above—With new equipment of all kinds available the need for improvising is happily gone. This Alabama contractor made a compactor out of a rock-loaded trailer and an Allis-Chalmers farm tractor on a city street.

Below—Caterpillar Diesel D7 tractor with Trackson Traxcavator loading coal near Birmingham, Ala., for McCullough Industries. The unit handles an average of 900 tons daily.

Below—C. W. (Red) Miller, New Bloomfield, Mo., veteran oil and water well driller of Kentucky and Illinois fields, retired to his Missouri farm. In less than 6 months he had a new Bucyrus-Erie 22-W and a long list of drilling contracts.



## MARYLAND—CONTINUED

(from page 26)

Paul Pl., for Somerset Court Community building, 400-500 block N. Central Ave., $104,-183.

**BALTIMORE** — Plastic Assembled Products Co., George W. Walker, Pres., 1149 Watson St., has acquired three adjacent properties for conversion into production space.

**BALTIMORE**—Broadview Realty Inc., 2301 Maryland Ave., let contract to John K. Ruff, Inc., 100 W. 22nd St., for apartment house, 135 W. 39th St.; $2,200,000.

**BALTIMORE** — College Gardens, Inc., 11 E. Fayette St., will build 26 groups of residences and five apartment buildings, Parkton Ave., Yale Ave. and Maidville Rd., south of Maiden Choice Lane.

**BALTIMORE** — Westland Gardens, Inc., will build 63 apartment buildings, Maiden Choice Lane.

**BALTIMORE** — Southern States Cooperative, Inc., let contract to Redding & Co., 26 E. 25th St., Baltimore, for furnace for grain dryer, 2101 E. Fort Ave.

**BALTIMORE** — Provident Savings Bank let contract to J. H. Williams and Co. for addition to bank 705-7 Washington Blvd.

**BALTIMORE** — The Edmondale Building Co., 1831 Munsey Bldg., plans 50 residences, 1100—16, 1101—17 Augusta Ave.; 4100—16, 4101—17 Glenhunt Rd.; 4100—14, 4100—11 Rokeby Rd., Edmondale; $350,000.

**BALTIMORE**—Thomas D'Alesandro, Mayor asked Department of Public Works to prepare detailed statement for City Council on administration's proposal for second leg of crosstown expressway.

**BALTIMORE**—Board of Municipal and Zoning Appeals approved 12-story apartment building, on lot bounded by University Parkway, Calvert St., St. Paul and 34th Sts., for which Baltimore Contractors, Inc., 711 S. Central Ave., is general contractor.

**BALTIMORE** — Chesapeake and Potomac Telephone Co., has application filed with Baltimore District Engineer, for a permit to lay a submarine cable in Deep Creek, at Marlyn Avenue, Baltimore county.

**BALTIMORE** — Department of Public Improvements, 506 Park Ave., received low bid from Land and Simmons Co., 1120 E. 25th St., for alterations to Young Hall, Morgan State College.

**BALTIMORE** — Overlea Methodist Church plans $125,000 structure, Overlea and Sedonia Aves., Overlea.

**BALTIMORE** — Baltimore Federal Savings and Loan Association, 19 E. Fayette St., let contract to John McShain, Inc., 3 W. Franklin St., at $782,200, for building, Fayette St. and St. Paul Sts.

**BALTIMORE** — G. C. Murphy Co. let contract to Frantz Construction Co. for alterations to store, 407-13 Broadway, South.

**BALTIMORE** — W. T. Grant Co. let contract to Baltimore Contractors, Inc., for alterations to store, 216 W. Lexington St.

**BALTIMORE** — Socony-Vacuum Oil Co., let contract to William J. Wiesand, Inc., 4111 Wilke Ave., for service station, Cold Spring Lane & Dolfield Blvd.

**BALTIMORE** — Church of The Redeemer received low bid from Consolidated Engineering Co. for educational building, Charles and Melrose Ave.

**BALTIMORE** — City Chevrolet Co., let contract to Cummins-Hart Construction Co., 2023 N. Charles St., for alterations to building, 101 W. Mt. Royal Ave.

**BALTIMORE** — Loch Raven Apartments, Two, Inc., 908 20th St., N. W., Washington, D. C., let contract to Jeffress-Dyer, Inc., 908 20th St., N. W., Washington, D. C., for 22 apartment buildings, 1557-67 Waverly Way; $1,864,400.

**BALTIMORE** — Mt. Vernon Woodberry Mills let contract to Cummins-Hart Construction Co., 2023 N. Charles St., for transformer vault, 2900 Falls Road.

**BALTIMORE** — Roma Restaurant let contract to Lawrence Construction Co. for alterations, 900 Fawn St.

**BALTIMORE COUNTY** — Delvares Homes, Inc., 62 Dundalk Ave., plans ten residences, Rita Rd., N. Birch Ave., Norwood Park; $100,000.

**BALTIMORE COUNTY** — The Macht Co., 11 E. Fayette St., Baltimore, plans 14 residences, Blenheim Rd.; $112,000.

**BALTIMORE COUNTY** — Black & Decker Manufacturing Co., let contract to L. R. & G. Clyde Andrew, Riderwood, for warehouse, Hillen Road, $106,000.

**BALTIMORE COUNTY** — Baltimore County Board of Education, Towson, let contract to MacLeod Construction Co., 619 S. Caton Ave., for addition to Stoneleigh School.

**BALTIMORE COUNTY** — County Commissioners of Baltimore County, Court House, Towson, received low bid from Utilities Construction Co., Lutherville, $125,384 for sewage force mains, Contract No. 159-S.

**BALTIMORE COUNTY** — County Commissioners, Towson, received low bid for following project:

Contract No. 4929-R—Improvement to part of Oakland Rd. in Halethorpe Heights, 13th District; Joseph A. Lavezza & Sons, 1208 Bank St.

**BALTIMORE COUNTY** — Baltimore Trotting Races, Inc., Eugene H. Beer, Jr., Pres., filed application with Baltimore County Zoning Authorities for a special permit for a harness track on a 171-acre site at Pulaski Highway and Martin Blvd.

**BALTIMORE COUNTY**—Gilbert Construction Co., 2 E. Lexington St., Baltimore, plans 26 dwellings, Pembroke Ave., Gwynn Oak Summit, $104,000.

**BALTIMORE COUNTY** — Baltimore County Commissioners, Christian H. Kahl, Pres., plans $8,800,000 1949-50 school construction program.

**BALTIMORE COUNTY** — Baltimore County Commissioners, Towson, let contract to Utilities Construction Co., Lutherville, $278,-605 for a 27" sanitary gravity sewer, Contract No. 160-S.

**BALTIMORE COUNTY** — C. T. Wills, Inc., 286 5th Ave., New York, N. Y., plans 36 residences, Liberty Pkwy., S. Belclare Rd., Logan Village, Dundalk; $136,800.

**BALTIMORE COUNTY** — Baltimore County Commissioners, Towson, plans installation of 6,000 feet of 30-inch force mains connecting the county's Patapsco Pumping Station with the city's disposal plant in South Baltimore.

**BEL AIR** — Harford County Board of Education received low bid from Frantz Construction Co., Kingsville, $649,950 for Bel Air Consolidated Colored School.

**BELAIR** — National Guard Bureau, Camp Ritchie, Cascade, let contract to Windsor Construction Co., 2604 Frederick Ave., Baltimore, for storage garage and parking area.

**HAGERSTOWN** — Hagerstown Gas Co. plans conversion to natural gas.

**CARDEROCK** — Navy Department, Washington, D. C., let contract to Spradlin Construction Co., 930 K. N. W., Washington, D. C., for extension to supply office; Spec. 22518, NO. 18739.

**CHESTERTOWN** — Kent County Board of Education received low bid from William F. Sutter, Nescopeck, Pa., for Kennedysville School.

**CHEVY CHASE** — Woodward and Lothrop let contract to Charles H. Tompkins Co., Washington, D. C., for store.

**COLLEGE PARK** — University of Maryland let contracts for agricultural engineering building, cost $150,000; mechanical, William H. Singleton, Arlington, Va.; brick work, E. A. Rule, 601 S. Capitol St., Washington, D. C.; electrical, E. A. Brnst, 1622 14th St., N. W., Washington, D. C.; millwork, Barber and Ross, 4th and Channing, N. E., Washington, D. C.; steel, Maryland Steel, Bush and Ridgely, Baltimore, Md.

**COLLEGE PARK** — Board of Public Improvement, Park & Franklin Sts., Baltimore, let contract to J. Calvin Owens, Inc., for women's dormitories at $152,748.

**CROWNSVILLE** — State Department of Public Improvements, 200 W. Franklin St., Baltimore, will recommend that contract be let to Mullan Contracting Co., 3945 Greenmount Ave., Baltimore, for employees' housing buildings, A & B, Crownsville State Hospital.

**COLLEGE PARK** — Department of Public Improvements, 506 Park Ave., Baltimore, received low bid from Globe Construction Co., 2012 N. Charles St., Baltimore, $56,235, for cow barns, for University of Maryland, Prince George's County.

**CUMBERLAND** — Corps of Engineers, Washington, D. C., let contract to Giles Drilling Co., for local flood protection project, Cumberland, Md. and Ridgely, W. Va., Inv. 197.

**CUMBERLAND** — City plans $610,000 water plant improvements.

**DENTON** — Choptank Electric Cooperative, Inc., let contract to McKinley Construction Co., Inc., Arlington, Va., at $199,293, for 117.2 miles line.

**EDGEWOOD**—U. S. Engineer Office, Washington, D. C., let contract to Harford Construction Co., Bel Air at $48,241 for resurfacing existing roads, Army Chemical Center; Inv. 206.

**EDGEWOOD** — Harford County School Board let contract to Andrew Pasqualini, Havre de Grace, $69,975, for addition to school.

**FORT GEORGE G. MEADE** — U. S. Engineer Office, Washington, D. C., let contract to Smith LeCorse & Christhilf, 5106 York Road, Baltimore at $578,800 for tank park; Inv. 187.

**HAGERSTOWN** — Power Commission Examiner Clifford Snider, Washington, D. C., directed that the Manufacturers Light and Heat Co., Pittsburgh, Pa., construct a 2.8 mile pipeline to the Pennsylvania-Maryland State line and connecting with a 3.9 mile line to be built by the Hagerstown Gas Co., Hagerstown, Md. in Washington County, Md.; $154,-751 respectively.

**LANSDOWNE**—Board of Education of Baltimore County, Washington & Susquehanna Aves., Towson, received low bid from Carl H. Klinejohn, 3726 E. Pratt St., Baltimore, for alterations to cafeteria for Lansdowne Elementary School.

**LaPLATA** — National Guard Bureau, Camp Ritchie, Cascade, let contract to Old Dominion Construction Co., Arlington, Va., at $39,-500 for motor vehicle storage building.

**PIKESVILLE BR. BALTIMORE** — Baltimore County plans sanitary sewer system for residents in Veterans' Housing Development.

**PRINCE GEORGES COUNTY** — Walter L. Green and Roland H. Berger plan apartment development behind Lord Calvert Hotel, College Park; Board of Commissioners approval granted.

**PRINCE GEORGES COUNTY** — D. M. and M. C. Peebles have Board of Commissioners approval to construct 250-unit apartment project between Magruder Ave. and 52nd St., Beaver Heights; plans also include shopping center.

**RIVERDALE** — Prince Georges Advisory Board, have engaged survey of extension of Rhode Island Ave. through towns of Hyattsville and Riverdale to Baltimore Pike.

**ROCKVILLE** — Montgomery County plans $10,500,000 school construction within five years.

**ROCKVILLE**— Montgomery County Council, let contracts to W. I. Bryant Co., Silver Spring; Francis O. Day Co., Bethesda; Contee Sand & Gravel Co., Laurel and Curtin and Johnson Co., for various street improvements, $211,946.

**SHADYSIDE** — Chesapeake Yacht Club, filed application to Corps of Engineers, Baltimore, for permission to extend existing wharf in West River, Anne Arundel county.

**SOLOMONS** — Navy Department, Public Works Office, Naval Gun Factory, Washington, D. C., let contract to Atlantic States Construction Co., at $68,250 for constructing quarters, NCEL; Spec. 22890.

**ST. MARYS COUNTY** — Steuart Brothers, Inc., Washington, D. C., has applied to Army Engineers for permit to construct open-pile wharf in Potomac River, and pipe-line trestle across Piney Point Creek.

**TOWSON** — Loyola High School let contract to Henry A. Knott, Inc., 2107 N. Charles St., Baltimore, $300,000 for additions and alterations faculty house and gymnasium.

**UPPER MARLBORO** — Prince Georges County Commissioners approved $7,705,048 for school construction program for next two years.

**UPPER MARLBORO** — Prince Georges County let contracts for following projects:

Contract No. 16-S—sidewalks in Radiant Valley, S.I.D. #43; Suburban Engineering & Construction Co., Branchville.

Contract No. 17-S—street improvements in Hampshire Knolls, S.I.D. #32; Suburban Engineering & Construction Co., Branchville, $61,655.

**TAKOMA PARK** — Fred F. Kogod let contract to Roscoe Engineering Co., 1025 Vermont Ave., N. W., Washington, D. C., for theatre and stores, Flower Ave.

**WHITE OAK** — Navy Department, Washington, D. C., let contract to Frank M. Dorsey, 1003 K. N. W., Washington, D. C., for compressed air systems; Spec. 22474, NOy 18691.

**WHITE OAK** — Navy Department, Washington, D. C., let contract to Robert H. McKinley, 3916 Military Road, Arlington, Va., for extension to ADT alarm system, Spec 22456, NOy 18673.

## MISSISSIPPI

Corps of Engineers, Vicksburg, Miss., received low bid from Mississippi Valley Engineering & Construction Co., 736 Alabama St., Memphis, Tenn., $998,275, for upper bank paving, Inv. 227.

**MISSISSIPPI** — Corps of Engineers, Vicksburg, received low bid from Cook Construction Co., Hwy. 80-W, Jackson, $287,100, for 735,000 cu. yds. earthwork on west bank of Panola-Quitman Floodway, Inv. 243.

**ACKERMAN** — Board of Supervisors of Choctaw County, E. H. Orr, Chester, plans 23-bed hospital, $141,200.

**BILOXI** — U. S. Engineer Office, Mobile, Ala., let contract to Left Engineering Co., Mobile, Ala., at $65,366 for air conditioning three theaters, Keesler Air Force Base.

**BILOXI** — W. B. Leedy Co. plans 64-unit apartment project, Sadler's Beach Apartments, facing Beach Dr. and Gulf of Mexico; $425,000.

**BILOXI** — St. Charles Apartments, Inc. plans 12-apartment building, one block off West Beach; $73,300.

**BLUE MOUNTAIN** — Blue Mountain College let contract to L. B. Priester & Sons, Meridian, $171,000 for dormitory.

**BROOKHAVEN** — Mayor and Board of Aldermen let contract to L. G. Price, Brookhaven for police station.

**BROOKHAVEN** — Supervisors, Lincoln County, let contract to Dickerson & Bowen, for 2½ mi. hard surface road in Lincoln County.

**CANTON** — Board of Supervisors of Madison County, Sharon, plans 29-bed addition to Hospital, $186,000.

**CANTON** — Mississippi Federated Co-Operative let contract to John J. Hart Co., Atlanta, Ga., at $225,000 for addition to fertilizer plant.

**CARTHAGE** — Central Electric Power Association received low bid from Crews and Ward Construction Co., Columbia, at $133,408, for Miss. 22L & N Leake, Section 1.

**CARTHAGE** — Central Electric Power Association has $623,000 REA loan for 300 miles of line.

**CLARKSDALE** — Board of Education let contract to A. C. Sanford, Inc., Albany, Ga., $176,575, for elementary High School.

**CENTREVILLE** — Board of Supervisors of Wilkinson County, Dr. R. J. Field, plans 50-bed hospital, $450,000.

**CLARKSDALE** — Board of Supervisors of Coahoma County plans 100-bed hospital, $1,004,650.

**CLEVELAND** — Baxter Laboratories, Inc., Ralph Falk II, Pres., Morton Grove, Ill., plans plant to manufacture parenteral solutions and accessories.

**CLEVELAND** — Board of Supervisors of Bolivar County let contract to Garber Brooks Construction Co., 1508 N. Mill St., Jackson at $73,696 for Health Center.

**COLLINS** — Board of Supervisors of Covington County plans 25-bed hospital, $229,700.

**COLUMBIA** — Pearl River Valley Electric Power Association, let contract to Bowman and Bowman Construction Co., Greenwood, for approximately 223 miles line.

**CORINTH** — Foote Street Church of Christ let contract to Roy F. Norman, for additions, alterations, redecorating and installation of heating and air conditioning system in church.

**CORINTH** — Board of Supervisors of Alcorn County let contract to Ray F. Norman, Corinth at $65,259 for County Health Center.

**CORINTH** — Alcorn County Electric Power Association plans 160 miles line.

**DeKALB** — Board of Commissioners of Kemper County let contract to Stanley W. Newman Co., Inc., P. O. Box 1565, Mobile, Ala., at $123,358 for Kemper County Hospital.

**DURANT**—Board of Supervisors of Holmes County received low bid from L. A. Harvey, Jackson at $135,700 for hospital.

**ELLISVILLE** — Board of Trustees let contract to A. M. Bradley Construction Co., Laurel, $41,959 for four-classroom school.

**GLEN ALLAN** — Board of Trustees of Glen Allan Consolidated Line School let contract to Armco Drainage & Metal Products, Inc., Houston, Tex., for steel gymnasium.

**GREENVILLE** — Board of Supervisors of Washington County plan new jail; may issue $500,000 bonds.

**GREENVILLE** — Board of Supervisors of Washington County, L. A. O. Huddleston, Leland, plans 125-bed hospital, $1,209,540.

**GREENWOOD** — Delta Electric Power Association has $885,000 REA loan for 314 miles of line.

**GREENWOOD** — Board of Supervisors of Leflore County, plans completed sometime in September for 135-bed hospital; $1,312,500.

**GULFPORT**—Board of Supervisors of Harrison County, W. M. Ladnier, Saucier, plans 100-bed hospital; $1,132,000.

**HATTIESBURG** — Board of Supervisors of Forrest County plans 100-bed hospital, $1,110,000.

**HATTIESBURG** — Mayor and City Council received low bid from Dye and Mullings, Inc., P. O. Box 485, Columbia, $433,842 for junior high school.

**HOLLY SPRINGS** — Board of Supervisors of Marshall County, L. A. Smith, Jr., plans 25-bed addition, $170,000.

**HOUSTON** — J. E. Staub and Co., Fulton, has contract at $64,000 for new edifice for First Methodist Church.

**INDIANOLA** — Board of Supervisors of Sunflower County plans 50-bed hospital, $493,250, No. 42.

**IUKA** — Board of Supervisors of Tishomingo County plans 20-bed hospital, $235,000.

**IUKA** — Board of Trustees of Iuka Public Schools received low bid from Kimberly Brothers, Iuka, $52,398 for school gymnasium.

**JACKSON** — State Highway Commission, let contracts for projects in following counties:

**Warren** — 5.580 mi. incidental grading, drainage, culverts, soil cement stabilized base and double bituminous surface treatment in Hwy. No. 3; Delat Paving Co., $82,280;

**Tallahatchie** — 9.958 mi. State Hwy. 32; Dunn Construction Co., Birmingham Ala., $212,392;

**Lincoln** — 0.931 mi. grading, drainage, culverts and double bituminous surface treatment; Entrican Hauling, Brookhaven;

**Smith**—5.932 mi. grading, drainage, culverts, bridge and gravel surface course; Tupelo Construction Co., Tupelo, $66,224;

**Smith** — 0.672 mi. grading, drainage, culverts and bridges; W. Fairchild, Hattiesburg, $35,437;

**Leake** — 3.759 mi. grading, drainage, culverts, box bridge and gravel surface course; J. G. Alexander, Hattiesburg, $48,221;

**Montgomery** — 1.792 mi. grading, drainage, culverts, bridges and gravel surface course; Tonjohn H. Moon, Port Gigson, $78,833;

**Alcorn** — 5.929 mi. grading, drainage, culverts, bridges and gravel surface course; Tupelo Construction Co., $69,102;

**Pontotoc** — 8.013 mi. grading, drainage, culverts, bridges and gravel surface course; Worsham Brothers, Corinth, $110,839;

**Leflore** — 1.413 mi. grading, drainage, culverts, gravel base double bituminous surface course; Central Paving Co., $41,865;

**Newton** — 5.042 mi. incidental grading, stabilized base and double bituminous surface treatment; Cobb Brothers Construction Co., Meridian, $61,806;

**Newton** — 6.590 mi. incidental grading, stabilized base and double bituminous surface treatment; Cobb Brothers Construction Co., $81,204.

**JACKSON** — John Asher let contract to Earl Harris, for supervision of construction of John Hart Building; $70,000.

**JACKSON** — City let contract to King-North Construction Co., Jackson at $246,710 for Negro Auditorium in College Park, Lynch Street.

**JACKSON** — Swift and Co., Chicago, Ill., plans reconstruction of wholesale curing and distributing plant; $150,000.

**JACKSON** — I. M. Beasley, W. G. Terry and H. V. Watkins plan development of 25 acres of South Jackson property into industrial sites.

**JACKSON** — Hinds County Board of Supervisors plan acquiring a lot for welfare and health building, $100,000.

**JACKSON** — Shelby Construction Co., has contract for new $1,500,000 shopping center, south of junction of U.S. Highway 51 & 80.

**JACKSON** — City plans $1,750,000 sewer installation program for 1950.

**JACKSON** — First Church of Christ Scientist has purchased 1,169 acres in Old Asylum property area for new church, $175,000.

**JACKSON** — Mississippi Agricultural and Industrial Expositions, J. M. Dean, Exec. Sec., plan youth and exhibit building, livestock arena, an agricultural building, woman's building and commercial building, in addition to a complete system of rest rooms, $1,000,000.

**JACKSON** — Board of Education received low bid from Wise Construction Co., Jackson, for kitchen and cafeteria storerooms at Bailey Junior High School.

**JACKSON** — Leo Mendel, William P. Engel and H. M. Strauss, all of Birmingham, Ala., let contract to Realty Construction Co., for $1,850,000, 284-unit Raymond Road Gardens apartment housing project.

**JACKSON** — Davis Memorial Baptist Church let contract to Howie Construction Co., for foundation of new $325,000 church building.

**JACKSON** — First Christian Church plans $325,000 auditorium.

**JACKSON** — Dr. Charles M. McEachern plans modern dental clinic building, Old Canton Road, $100,000.

**JACKSON**—Trinity Lutheran Church plans auditorium, $125,000.

**JACKSON** — Galloway Memorial Methodist Church plans annex, educational building, chapel and recreation room; $350,000.

**JACKSON** — First Presbyterian Church plans $550,000 auditorium.

**JACKSON** — School Board plans four new elementary schools and one junior high school; $900,000.

**KEESLER FIELD** — U. S. Engineer Office, Mobile, Ala., received following low bids in connection with NCO family quarters; John A. Johnson Construction Co., 206 Rogers St., Atlanta, Ga., housing.

**LAUREL** — Board of Supervisors of Jones County plans 105-bed hospital, $1,317,400, No. 25.

**JACKSON** — Young Men's Christian Association plans $450,000 Y.M.C.A. building, High St.

**LEXINGTON** — Board of Supervisors of Holmes County, M. S. Rogers, West, plans 16-bed addition, $175,000.

**MACON** — Board of Supervisors of Noxubee County, Joe W. Eiland, plans 40-bed hospital, $498,100.

**MEADVILLE** — Board of Supervisors of Franklin County plan 30-bed Hospital, $293,600.

**MERIDIAN** — City Council let contract to Cobb Brothers, $244,016, for resurfacing city streets.

**MERIDIAN** — Mississippi Power Co., plans ground breaking ceremonies October 17, for $5,500,000 electric generating plant.

**MERIDIAN** — David Forrester received low bid from F. H. Covert for residence.

**MERIDIAN** — City, George Roark, Mgr., let contract to Cobb Brothers Construction Co., Citizens Bank Bldg., $244,016, for resurfacing.

**MERIDIAN** — East Mississippi Electric Power Association plans 236 miles line.

**MERIDIAN** — State Building Commission, Jackson, plans 260-bed hospital, $1,500,000.

**MONTICELLO** — Monticello Methodist Church plans new church building, $40,000.

**NATCHEZ** — City plans extension of sewerage and additional facilities for Natchez waterworks system, $350,000.

**NATCHEZ** — City plans housing project.

**NATCHEZ** — Roselawn Terrace, Martin H. Noble, Mgr., plans 250-unit one and two bedroom duplex apartment building.

**NEWHEBRON** — Newhebron State Bank plans remodeling present building, to be known as Lawrence County Bank.

**NEWTON** — Newton County plans 40-bed hospital, $328,500.

**OCEAN SPRINGS** — Gulf Coast Marine Laboratory, Dr. R. L. Caylor, Cleveland, Dir., seeking $300,000 for laboratory improvements.

**OKOLONA** — Chickasaw County plans 25-bed hospital, $185,267.

**PASCAGOULA** — Board of Supervisors of Jackson County, John R. Watts, Sec., Hospital Committee, plans 18-bed addition to Hospital, $108,000.

**PONTOTOC** — Mallett and Assocs., 416½ E. Amite St., Jackson, Archts.-Engrs., for Health Center, $100,000.

**PONTOTOC** — Pontotoc County plans 25-bed hospital, $307,000.

**PORT GIBSON** — City let contract to M & W Construction Co., Tupelo, for sewage extension.

**PORT GIBSON** — Claiborne County plans 25-bed hospital, $201,020.

**PRENTISS** — Board of Supervisors of Jefferson Davis County, Clifford Bass, Clerk, let contract to Southern Construction Co., Columbia at $155,569 for 25-bed hospital.

**PRENTIS** — Dr. S. M. Everitt, Dr. N. O. Tyrone, Dr. K. D. Terrell and Dr. E. J. Holder, plan building to house dental offices and diagnostic clinic.

**PHILADELPHIA** — First Baptist Church let contract to Perry Construction Co. for educational building; $63,964.

**RIPLEY** — Tippah Electric Power Association has $575,000 REA loan for 358 miles of line.

**SHUQUALAK** — Board of Trustees of Shuqualak City Schools, let contract to Koiola Springs Lumber Co., Columbus, for two classroom addition to elementary school.

**STARKVILLE** — Mayor and Board of Aldermen, received low bid from Russell & Blain, Mount Olive, for 35,000 sq. yds. surfacing.

**STARKVILLE** — Board of Supervisors of Oktibbeha County let contract to L. B. Priester & Sons, Meridian at $216,174 for County Hospital; Broddie & Johnson, Montgomery, Ala., have contract at $48,085 for plumbing and heating, ventilating and air conditioning; Kemp Electric Co., Louisville, Miss., at $18,746 for electrical work.

**STATE COLLEGE** — State Building Commission, New Capitol Bldg., let contract to L. B. Priester & Son, Meridian, $287,500 for engineering laboratories and shop building at Mississippi State College; mechanical, G. H. McElhaney & Sons, Hattiesburg, $35,870; electrical, Doughty Brothers Electric Co., Columbus, $58,000.

**TUNICA** — Board of Supervisors of Tunica County, S. C. Wilson, Dundea, plans 25-bed hospital, $222,100.

**TUPELO** — Lee County plans 50-bed addition to Hospital, $305,880.

**WEST** — City received low bid from Lexington Lumber Co., Lexington, for waterworks improvements.

**WEST POINT** — Clay County plans 50-bed hospital, $555,600.

**WIGGINS** — Stone County plans 20-bed hospital, $175,280; No. 34.

**YAZOO CITY** — Board of Trustees of Public Schools, received low bid from Roscoe Perry, Holly Bluff, $178,900 for Annie Elementary School.

**ZAMA** — Board of Trustees of Zama Consolidated School District of Attala County, let contract to Fox and Cooksey, Inc., 209 Cochran Bldg., Meridian, $63,845 for school.

## MISSOURI

Union Electric Power Co., 315 N. 12th St., St. Louis, plans 138,000 volt aerial electrical transmission line across Mississippi River, supported on flexible steel towers erected on piers of Merchants Bridge.

**BOLIVAR** — Southwest Electric Cooperative, Inc., received low bid from Franklin Electric Co., Franklin, Ind., at $93,766, for Project No. 53N2-Polk.

**BOONVILLE**—Board of Training Schools, Jefferson City, let contract to Brown Hawkins Constr. Co., 325 Finance Bldg., Kansas City, at $145,267 for steam and electric utilities, Missouri Training School for Boys.

(Continued on page 38)

## MISSOURI—CONTINUED

(from page 37)

**BUTLER** — Osage Valley Electric Cooperative Association let contract to Berger Construction Co., Higginsville, for project No. Mo. 37 L&M Bates; cost $167,896.

**BUTLER**—Osage Valley Electric Cooperative Association plans 329.66 miles line.

**CAMPBELL** — Arkansas-Missouri Power Co., Blytheville, is constructing 30,000 kilowatt steam electric generating Jim Hill plant two and three-fourths miles southwest of Campbell.

**CASSVILLE** — Barry Electric Cooperative has REA loan, $165,000 for 79 miles line. Mo. 69F Barry.

**CLAYTON** — City. C. Kenneth Thies, Mayor, plans addition to city hall, $200,000.

**DESOTO**—Jefferson County Board of Education let contract to Alden B. Park, 17 N. Hanley Road, Clayton, $153,689 for addition to elementary school.

**GENEVIEVE**—Citizens Electric Cooperative has $1,200,000 REA loan for 520 miles line.

**HAYTI**—Pemiscot County Memorial Hospital let contract to V & M Construction Co., 4030 Chouteau Ave., St. Louis at $397,900 for 3-story hospital.

**IRONTON**—Black River Electric Cooperative let contract to R. & M. Construction Co., Ottawa, Kans., at $74,791, for Project No. Mo. 38E1-Reynolds.

**JEFFERSON CITY**—State Highway Commission, let contracts for projects in following counties:

**Jasper** — Proj. No. F-81(4), Rt. 66, 4.125 mi. GE, bridges & 24' P. C. C. Pavt.; M. E. Gillioz, $644,764;

**Jasper** — Proj. No. F-84(5), Rt. 66, 1.562 mi. GE, bridges & 24' P. C. C. Pavt.; M. E. Gillioz, Monett, $234,826;

**Buchanan** — Proj. No. F-49(8)-A, Rt. 59, 3.709 mi. GE, br., P. C. C. pavt. wide & asphalt conc. surf.; C. H. Atkinson Paving Co., & Land Construction Co., Chillicothe, $153,268;

**Buchanan** — Proj. No. F-49(8)-B, Rt. 59, 4.222 mi. GE, br., P. C. C. pavt. widen. & asph. conc. suf.; C. H. Atkinson Paving Co., & Land Construction Co., $207,286;

**Scott**—Proj. No. F-5(4); Rt. 60, 0.369 mi. GE, bridges & 24' P. C. C. pavt.; Thomas J. Evans, Jr., Memphis, Tenn., $94,346;

**Adair**—Proj. No. S-309(1)a-A, Rt. SB, 4.180 mi. GE & bridge; Carte Brothers Construction Co., Inc., West Plains;

**Adair** — Proj. No. S-309(1)A-B, Rt. SB, 4.639 mi. GE & bridge; Carte Brothers Construction Co., Inc., West Plains;

**Cpt Girardeau**—Proj. No. S-335(1)-A, Rt. SB, 2.147 mi. GE, br. & grav. for cr. st. surf.; Penzel Construction Co., Jackson, (altB), $39,931;

**Scotland**—Proj. No. S-16(5), Rt. SH, 1.042 mi. GE, bridges & grav. or cr. st. surf.; Clark & Runquist Construction Co., Savannah, $35,334;

**Scotland** — Proj. No. ER-S-25(1), Rt. SH, 0.128 mi. GE, br. & grav. or cr. stone surf.; Clark & Runquist Construction Co., Savannah, $51,378;

**Scotland**—Proj. No. S-121(2), Rt. SB, 4.678 mi. GE, bridges & grav. or cr. stone surf.; Clark & Runquist Construction Co., Savannah $59,092;

**Newton**—Proj. No. S-352(1), Rt. SW, 1.785 mi. GE, br. & chat. grav. or cr .st. surf.; Davis Construction Co., Inc., Boonville, $70,026.

**JEFFERSON CITY**—State Highway Commission, let contracts for projects in following counties:

**Greene**—Proj. No. U-381(3), Rt. 66, 2.452 mi. PCC pavt. widening; Koss Construction Co., Des Moines, Ia., $161,206;

**Howard**—Proj. No. F-235(9)b-A, 2.437 mi. Asph. conc. pav't.; Payne & Dolan, Inc., Chicago, Ill., $59,015;

**Howard**—Proj. No. F-235(9)b-B, 4.229 mi. asph. conc. pavt.; Payne & Doland, Inc., 111 W. Washington, Chicago, Ill., $104,786;

**Atchison** — Proj. No. F-771(1)-A, Rt. 59, 4.910 mi. GE, 22' R. S. base & seal coat; Reno Construction Co., Overland Park, Kan., $109,026;

**Atchison** — Proj. No. Fp771(1)-B, Rt. 59, 4.537 mi. GE, 22' R. S. base & seal coat; Reno Construction Co., Overland Park, Kan., $42,192;

**Stoddard**—Proj. No. S-598(2)-B, 3.071 mi. GE & gravel or cr. stone surf.; Blackburn & Whiteside, Mammoth Springs, Ark.;

**Grundy** — Proj. No. S-576(5)-A, 4.589 mi. GE & grav. or cr. stone surf.; Howard Construction Co., Sedalia;

**Grundy** — Proj. No. S-576(5)-B, 2.806 mi. GE & grav. or cr. stone surf.; Howard Construction Co., Sedalia;

**Mercer** — Proj. No. S-576(6)-A, 3.977 mi. GE & cr. stone surf.; Howard Construction Co., Sedalia;

**Mercer**—Proj. No. S-576(6)-B, 4.354 mi. GE & grav. or cr. stone surf; Howard Construction Co.;

**Cedar**—Proj. No. S-851(3), 2.595 mi. GE & grav. or cr. stone surf.; Burk Construction Co., Springfield, Mo.;

**Gentry**—Proj. No. S-416(4), 2.871 mi. GE & grav. or cr. stone surf.; J. F. Culp & Donaldson Co., (Alt. 1&3), Skidmore, Mo.;

**Jasper**—Proj. No. S-892 (1)-B, 4.014 mi. GE chat. grav. or cr. stone surf.; Joseph L. Pohl, Nevada, Mo.;

**Texas**—Proj. No. S275(2)-A, 2.756 mi. GE & grav. surf.; Clark & Farmer Contracting Co., Inc., Camdenton, Mo.;

**Wright** — Proj. No. S0482(3)-A, 1.602 mi. GE & grav. or cr. stone surf.; Blackburn & Whiteside, Mammoth Springs, Ark.;

**Davies**—Proj. No. S-232(2), 2.514 mi. GE & grav. or cr. st. surf.; Frank Trager, Chillicothe, Mo.;

**Saline**—Proj. No. S-322(1), 4.395 mi. GE & grav. or cr. stone surf.; Louis O. Knipp, Jr., Tipton, Mo.;

**St. Francois**—Proj. No. S-337(1)-B, 2.746 mi. GE, chat. grav. or cr. stone surf.; Penzel Construction Co., Jackson;

**Texas**—Proj. No. S-904(1), 2.584 mi. GE & grav. or cr. stone surf.; Allcorn & Koger Construction Co., Van Buren.

**JEFFERSON CITY**—State Highway Commission, let contracts for projects in following counties:

**Greene**—Proj. No. U-286(7), Rt. 65, 1.802 mi. GE, bridge widening & PCC pavt.; Koss Construction Co., Des Moines, Ia., $297,489;

**Cole**—Proj. No. U-501(2), Rt. 54, 0.283 mi. GE, bridges & PCC pavement; C. E. Maxwell & Son, Columbus, Kan., (Alt. 3), $557,775;

**Stoddard** — Proj. No. S-589(1), 5.000 mi. GE, bridges & grav. or cr. stone surf.; Blackburn & Whiteside, Mammoth Springs, Ark., $42,192;

**Stoddard**—Proj. No. S-598(2)-A, 4.217 mi. GE, bridges & grav. or cr. stone surf.; Blackburn & Whiteside;

**Stoddard**—Proj. No. S-211(2)-A, 2.852 mi. GE, bridges & grav. or cr. stone surf.; Blackburn & Whiteside, $59,467;

**Cedar**—Proj. No. S-851(4)-A, 2.841 mi. GE, bridge & grav. or cr. stone surf.; Burk Construction Co., Springfield, $42,814;

**Cedar**—Proj. No. S-851(4)-B, 4.4504 mi. GE bridges & grav. or cr. stone surf.; Burk Construction Co., Springfield, $37,701;

**Laclede** — Proj. No. S-226(1)-B, 3.070 mi. GE, bridge & grav. or cr. stone surf.; M. E. Gillioz, Monett;

**Wright** — Proj. No. S-482(3)-B, 4.167 mi. GE, bridge & grav. or cr. st. surf.; Blackburn & Whiteside, Mammoth Springs, Ark.;

**Grundy**—Proj. No. S-576(4), 3.447 mi. GE, bridge & grav. or cr. st. surf.; Hannibal Contracting Co., Hannibal, $101,538;

**Miller**—Proj. No. S-109(5), 0.412 mi. GE, bridge & grav. or cr. st. surf.; C. E. Maxwell & Son, Columbus, Kan., $75,186;

**Pike** — Proj. No. S-639(2), 1.238 mi. GE, bridge & grav. or cr. st. surf.; Gast & Ray Contracting Co., Louisiana, $35,856;

**Ripley**—Proj. No. S-400(4), 2.092 mi. GE, bridge & grav. or cr. stone surf.; Blackburn & Whiteside, Mammoth Springs, Ark., $39,608;

**Harrison**—Proj. No. S-716(2)-A, 4.080 mi. GE, bridge & grav. or cr. stone surf.; Knutson-Gould Construction Co., Kansas City, $44,284;

**Harrison**—Proj. No. 716(2)-B, 3.887 mi. GE, bridge & grav. or cr. stone surf.; Knutson-Gould Construction Co., Kansas City, $38,438;

**JENNINGS BR. ST. LOUIS** — Jennings School District, Otis A. See, Supt., 8831 Cozzens Avenue, let contract to Woermann Construction Co., 3800 W. Pine Blvd., $219,330 for addition to Jennings Woodland Elementary School, Kinamore and Sunbury.

**KANSAS CITY**—Charles F. Curry let contract to Elbel Construction Co. for 18-unit-room-housing development at 4016-30 Baltimore; to be known as Marlborough Court; $150,000.

**KANSAS CITY** — St. Paul's Lutheran Church, has construction underway by Hiram Elliott Construction Co. on new church, 46th St., Benton Blvd. and Indiana Ave.; $200,000.

**KEARNEY**—Town plans fire station.

**KIRKWOOD**—St. Peter's Parish, Rev. A. E. Westhoff, pastor, 225 W. Argonne Dr., has campaign underway to raise funds for new parish building, West Argonne and Clay Ave.

**LINN**—Three Rivers Electric Cooperative received low bid, $308,012 from Griffin Electric Co. Owensboro, Ky., for 181.25 miles line.

**MARSHALL**—State Department of Public Health & Welfare and Division of Public Buildings, Fred E. Appleton, Dir., Jefferson City, let contract to E. A. Brunson Construction Co., 4052 Forest Park Blvd., St. Louis at $203,896 for tuberculosis Building, Missouri State School.

**MEXICO** — Consolidated Electric Cooperative received low bid from Triple H Construction Co., Linton, Ind., for REA Project MO. 36P&S, Audrain.

**MILAN**—North Central Missouri Electric Cooperative, Inc., has $810,000 REA loan for 379.5 miles line.

**MONTICELLO**—Lewis County Rural Electric Cooperative Association received low bid, $64,063 from Sycamore Construction Co., Vincennes, Ind., for 171.6 miles line.

**NEOSHO**—McGinty Brothers Clothing Co. let contract to R. H. North for rebuilding store.

**OLD MINES** — St. Joachim's Parish, received low bid from A. H. Cheatham, Desoto, for grade and high school.

**ROCK PORT**—Atchison-Holt Electric Cooperative plans 310 miles distribution line.

**SAPPINGTON** — Sappington School District, Board of Education, Gravois and Pardee Roads, plans addition school.

**SEDALIA** — Central Missouri Electric Cooperative, Inc., let contract to Cater Electrical Construction Co., Inc., 1016 Baltimore Ave., Kansas City, at $415,163, for 307.6 miles line.

**ST. LOUIS** — Board of Supervisors, St. Clair County, plans $8,000,000 bridge across Mississippi River to link proposed site for St. Louis municipal airport on East Side with Chippewa St.

**ST. LOUIS**—Court Apartments, Inc., and R. W. S. Inc., 6001 Bishops Pl., let contract to Schattgen Co., 6001 Bishops Pl., for two apartment buildings, 6201-7-13-19 Nagel; $150,000.

**ST. LOUIS**—Alvey Conveyor Manufacturing Co., J. M. Alvey, Pres., 3201 S. Broadway, let contract to Fruin-Colnon Contracting Co., 1706 Olive St., for factory, Olive Street Road.

**ST. LOUIS** — Lawrence Milling Co., received low bid from Dickie Construction Co., at $63,878 for warehouse.

**ST. LOUIS** — Dufaux Motor Co., 3647 S. Kingshighway, let contract to Arthur R. Carr, 4976 Eichelberger, for auto sales and service building, S. Kingshighway & Fairview, $100,000.

**ST. LOUIS** — Joseph H. Bascom plans dwelling, Ladue, west side of North Road, St. Louis Country Club.

**JEFFERSON CITY** — State Highway Commission, let contracts for projects in following counties:

**Jasper**—Proj. No. U-81(5), Rt. 66, 0.104 mi. GE & 48 ft. P.C.C. Pavt.; M. E. Gillioz, Monett, $40,518;

**Andrew** — Proj. No. FG-123(2)-A, Rt. 275, 0.074 mi. GE & 24 ft. P.C.C. Pavt.; W. J. Menefee Construction Co., Sedalia;

**Buchanan**—Proj. No. FG-123(2)-B, Rt. 275, 0.369 mi. GE & 24 ft. P.C.C. Pavt.; W. J. Menefee Construction Co., Sedalia, $52,094;

**Buchanan** — Proj. No. F-123(3), Rt. 275, 1.022 mi. GE & P.C.C. Pavt. variable; W. J. Menefee Construction Co., Sedalia, $212,983;

**Buchanan**—Proj. No. U-123(4), Rt. 275, 0.355 mi. GE & P.C.C. Pavt. variable; W. J. Menefee Construction Co., Sedalia, $123,638;

**Buchanan**—Proj. No. F-49(8)-C, Rt. 59, 2.732 mi. GE P.C.C. Pavt. widen & asph. conc. surf.; C. H. Atkinson Paving Co., & Land Construction Co., Chillicothe, $96,885;

**Howard**—Proj. No. F-331(8), Rt. 5, 4.216 mi. GE & 22 ft. P.C.C. Pavt.; Cameron-Joyce Co., Keokuk, Iowa, $291,819;

**Howard**—Proj. No. F-95(3), Rt. 5, 0.995 mi. GE & 22 ft. P.C.C. Pavt.; Cameron-Joyce Co., Keokuk, Iowa, $62,095;

**Howard**—Proj. No. F-292(4), Rt. 5, 0.751 mi. GE & 22 ft. P.C.C. Pavt.; Cameron-Joyce Co., Keokuk, Iowa, $75,491;

**St. Louis**—Proj. No. F-573(4), Rt. 1151R, 1.343 mi. GE, widen. O.H. str., light. sys. & var. P.C.C. Pavt.; Fred Weber, Contractor, Inc., St. Louis, $414,890;

**St. Louis** — Proj. No. S-889(1), Rt. SSB, 0.595 mi. GE & 45 ft. P.C.C. Pavt.; Henry L. Perkinson Construction Co., St. Louis, $106,785;

**Washington**—Proj. No. F-375(7)-A, Rt. 21, 3.494 mi. 20 ft. asph. conc. Pavt.; Trinidad Asphalt Manufacturing Co., St. Louis, $69,728;

**Washington**—Proj. No. F-375(7)-B, Rt. 21, 3.506 mi. 20 ft. asph. conc. Pavt.; Trinidad Asphalt Manufacturing Co., St. Louis, $65,567;

**Washington**—Proj. No. F-375(7)-C, Rt. 21, 1.779 mi. 20 ft. asph. conc. pavt.; Trinidad Asphalt Manufacturing Co., St. Louis, $52,980.

**ST. LOUIS**—Jewish Hospital Board of Directors, Maj. B. Einstein, St. Louis, Pres., plans alterations to north wing of first floor into a hospital chronic illness division, also modification of doors and balconies.

**ST. LOUIS**—City Board of Public Service, Frank J. McDevitt, Pres., let contract to George L. Cousins Contracting Co., 875 N. Skinker Blvd., at $243,351 for Health Center.

**ST. LOUIS** — Frisco Employees' Hospital Association, Board of Trustees, John T. Williams, Business Mgr., 4960 Laclede Ave., plans additions and alterations, $600,000.

**ST. LOUIS**—Christ Methodist Church, 3543 Watson, let contract to Elam Contracting Co., 6421 Hampton, for church, 3543 Watson Rd., $60,000.

**ST. LOUIS**—F. Miceli & Sons, 15 N. Mera-

mec, Clayton, will construct 5 dwellings, 1517-26-30 Eton and 8519-23 Riverview, $50,000.

**ST. LOUIS**—V. W. Sternberg, 5640 Winona, let contract to Sternberg Construction Co., 5747 Murdoch, for four residences, 5618-22-26-32 Bancroft, $48,000.

**ST. LOUIS**—Ernst Althoff, 3844 Wyoming St., let contract to H. A. Bagley, 5171A Eichelberger, for residence, 6735 Devonshire.

**ST. LOUIS**—E. A. Siegerist, 3909 Hartford St., let contract to John B. Gutmann Construction Co., 1301 S. Vandeventer, residence, 2623 Heger Ct.

**TRENTON**—Grundy Electric Cooperative, Inc. let contract to C & S Engineering & Construction Corp., P. O. Box 116, Shelby, N. C., at $103,476, for 281 miles line.

## NORTH CAROLINA

**ALAMANCE COUNTY** — Board of Trustees of Alamance County received low bid from Southern States Construction Co., 1211½ Washington, Columbia, S. C., at $900,-985 for 100-bed General Hospital, near Burlington; Feese Electric Co., Burlington, low at $51,886 on electrical work; Industrial Sprinkler Co., High Point on heating at $45,-553; Crutchfield Plumbing Co., Greensboro at $75,000 on plumbing; Atlantic Engineering Co., Greensboro at $30,969 for air conditioning; Westbrook Elevator Manufacturing Co., at $44,189 for elevators and Monarch Elevator & Manufacturing Co., Greensboro, on dumbwaiters.

**ASHEBORO** — Asheboro City Schools let contract to Interstate Construction Co., 2317 S. Blvd., Charlotte, for high school.

**ASHEVILLE** — Norburn Apartments, Inc., plans $1,250,000 apartment project, south of Norburn Hospital.

**BLACK MOUNTAIN** — Western North Carolina Sanatorium received low bid from Merchant Construction Co., 284 Biltmore Ave., Asheville at $76,365 for employees apartment buildings and at $99,278 for nurses home addition; Estes, low on plumbing at $12,000 and Price Piping Co., at $11,450 on heating for employees apartment building; F. K. Holliday & Co., at $10,610 for plumbing and Price Piping & Engineering Co., on heating at $13,750 for nurses home addition; Hayes & Lunsford on electric for employees building and R. W. Cook on electric for nurses home.

**BURLINGTON** — Board of Trustees of Alamance County received low bid from Southern States Construction Co., 1211½ Washington, Columbia, S. C., at $512,415 for 100-bed hospital.

**BURLINGTON** — Front Street Methodist Church let contract to H. Frank Mitchell Construction Co., Arlington, at $145,591, for Sunday School addition.

**BURGAW** — Four County Electric Membership Corp., let contract to Sumter Builders, Sumter, S. C., at $208,584, for REA lines.

**BURGAW** — Four County Electric Membership Corp., let contract to F. J. Seastrunk Electric Construction Co., Columbia, at $370,-928, for lines.

**CAMP BUTNER** — Camp Butner Mental Hospital, B. W. Aiken, Bus. Mgr., plans immediate construction of the following projects: Hospital Admission Center, $175,000; converting 39 dwellings, $110,000; 10 staff houses, $120,000; milk barn, $40,000; calf barn, $8,000; hay storage barn, $30,000; first offenders camp, $125,000; floors, $50,000; painting and repairs, $25,000; renovating three buildings, $100,000; abattoir, $30,000; hospital locking system, $30,000, etc.

**CAMP LEJEUNE** — Navy Department let contract to Thompson Electric Co., Raleigh at $59,408 for underground and overhead 12,-470 volt electric power feeders and a 999 KVA sub-station, Marine Barracks.

**CAMP LEJEUNE** — Navy Department let contract to Norman A. Smyth Co., 404½ S. Tryon, Charlotte at $76,250 for alterations to Building No. 909 for central battery charging shop and utilities and services to Bldgs. No. 908 and 909.

**CAMP LEJEUNE** — Navy Department let contract to Thompson Electric Co., 20 W. Hargett, Raleigh at $59,408 for underground and overhead 12,470 volt electrical power feeder and 999 KVA sub-station at Marine Barracks; Spec. 22815.

**CHAPEL HILL** — Country Club Development Corp. let contract to William Muirhead, Durham, for $5,000,000 apartment project.

**CHARLOTTE** — Wriston A. Thompson, 1950 Overhill Rd., let contract to J. B. Thomas and Sons, for 234-unit apartment project, Wakefield Dr.

**CHARLOTTE** — C. D. Spangler plans 506 apartment units for Negro families, and office building; $2,535,000.

**CHARLOTTE** — J. R. Snyder received low bid from Central Builders for residence.

**CHARLOTTE** — Marsh Realty Co. plans $7,000,000 residential subdivision, West Blvd. area, near Revolution Pk.

**CHARLOTTE** — Dr. W. F. Medearis let contract to Southeastern Construction Co., 301 W. Second, for store and office building, $70,000.

**CHARLOTTE** — Hezekiah Alexander Home let contract to J. A. Barker & Son, Charlotte for restoration of building.

**CHARLOTTE** — Firestone Tire & Rubber Co., W. G. Orr, Store Mgr., let contract to R. C. Hicks, for alterations and additions to store, Mint & Morehead Sts. and Wilkes Place.

**CHARLOTTE** — Post Quartermaster let contract to George E. Norman Roofing Co., Charlotte, for re-roofing 5 buildings, etc.; Ser. 31-008-49-2.

**CHARLOTTE** — Corps of Engineers, Savannah District, Savannah, Ga., let contract to Boyd & Goforth, Inc., Charlotte at $71,268 for repair and modernization of facilities for Air National Guard, Morris Field; Inv. Eng-09-133-49-195.

**CHARLOTTE** — Loyal Order of Moose let contract to Ernest Foard, Charlotte at $68,-327 for building.

**CHARLOTTE** — J. A. Malcom, Archt., let contract to Laxton Construction Co., 422 S. Church, for alterations to Coddington Building.

**CHARLOTTE** — Park & Recreation Commission, L. M. McEwen, Jr., Chmn., Third Ward Negro community center.

**CHARLOTTE** — Shiloh Baptist Church let contract to J. B. Thomas and Sons, 122 Brevard Ct., for church.

**CHARLOTTE** — Chadbourn Hosiery Mills, Inc., plan a $1,000,000 modernization and expansion program at its various plants in North Carolina; manufacture full-fashioned and seamless hosiery.

**CHARLOTTE** — Board of Education let contract to Foy Electric Co., Charlotte, for rewiring Isabella Wyche School.

**CHARLOTTE** — Hudson Hosiery Co., plans installation of $2,000,000 worth of new equipment in its two plants in Charlotte and one in Shelby.

**CHARLOTTE** — Board of Education let contract to Southeastern Construction Co., 301 W. 2nd, $95,333 for addition and alterations to O'Donoughue School.

**CHARLOTTE** — Navy Department, Officer in Charge of Construction, P. O. Box 365, Naval Base, S. C., let contract to Colter & Chappell Electric Co., 2101 Sunnyside Ave., Winston-Salem, for realignment of electric line poles at Naval Ammunition Depot; NOY 188-22.

**CHARLOTTE** — Carolina Spastic Society, Inc., let contract to Southeastern Construction Co., 301 W. 2nd, Charlotte at $57,000 for Spastic Center.

**CHARLOTTE** — Ernest Foard, Piedmont Bldg., has contract for Matthews Drug Store.

**CHEROKEE** — Bureau of Indian Affairs, Washington 25, D. C., let contract to C. Y. Thomason Co., Greenwood, S. C., $67,000, for improvements to sewerage system.

**CHERRY POINT** — Navy Department, U. S. Bureau of Yards and Docks, let contract to Layne-Atlantic Co., Cromwell Road & Flanders Ave., Norfolk, Va., for zeolite water softeners at Marine Corps Air Station; Spec. 21025.

**CHERRY POINT** — Navy Department let contract to S. V. Price, Camden, N. J., for remarking and renumbering runways at Marine Corps Air Station; NOY 18421, Spec. 22-230.

**CLINTON** — Lundy Packing Co., let contract to Atlantic Building Co., Charlotte, for packing plant; Cheney Electric Co., Charlotte, for electric; City Plumbing Co., Clinton, plumbing; McLamb Plumbing & Heating Co., Dunn, heating; Armstrong Cork Co., Charlotte, insulation; R. F. Holliday, Greensboro, sprinkler system; Morris & Gorrell, Raleigh, refrigeration.

**CONCORD** — Board of Light and Water Commissioners let contract to Harrison-Wright Co., Inc., 116 W. 3rd, Charlotte, N. C., for improvements to electrical distribution system; $118,313.

**CONOVER** — City received low bid from Elliott Building Co. & Setzer Construction Co., Hickory, for sewer and disposal plant.

**DOBSON** — Surry-Yadkin Electric Membership Corp. let contract to Roy Richards Construction Co., Carrollton, Ga., at $450,-300, for rural electric distribution project.

**DURHAM** — Henry C. Satterfield let contract to C. A. Herrin, for residence.

**DURHAM** — City let contract to J. P. McGuire Construction Co., $693,802, for grading and paving streets and constructing curbs, gutters and driveways.

**DURHAM** — Board of Education of Durham County, let contract to Wrenn-Wilson Construction Co., Durham, $45,300 for three classroom and library addition, alteration to present Glen School.

**DURHAM** — Board of Education let contract to Crain and Denbo, Durham, $526,890 for new negro high school.

**DURHAM** — Hope Valley Country Club let contract to C. H. Shipp Construction Co. for building.

**FORT BRAGG** — Corps of Engineers, District Engineer, Wilmington District, Wilmington, N. C., received low bid from T. A. Loving & Co., Goldsboro, at $69,979, Section A, and $70,481, Section B, family quarters; Inv. No. Eng. 31-075-49-63.

**GASTONIA** — Gastonia City School Board let contract to Glenn Stroup, Gastonia, for remodeling city schools.

**GOLDSBORO** — State Hospital let contract to J. L. Powers, Bennettsville, S. C., at $36,-713, for power plant piping.

**GOLDSBORO** — North Carolina Hospitals Board of Control, R. M. Purser, Gen. Bus. Mgr., let contract to T. A. Loving & Co., Goldsboro at $407,777 for building for Female Patients No. 2—State Hospital; New Bern Plumbing & Heating Co., New Bern, has plumbing contract at $17,750; Engineering & Sales Co., Raleigh, at $22,435 for heating; Thompson Electric Co., Raleigh, for electric.

**GOLDSBORO** — Wayne County Commissioners plans school construction program.

**GOLDSBORO** — Tri-County Electric Membership Corp., let contract to Durham Electric Construction Co., Durham, N. C., at $231,-076, for approximately 200 miles rural line.

**GOLDSBORO** — W. P. Kemp, Chmn., Building, Goldsboro Country Club, let contract to J. L. Helms at $66,608, for country club building.

**GREENSBORO** — Greensboro Public Schools, let contract to Bryant Electric & Repair Co., Gastonia, for lighting for stadium.

**GREENSBORO** — Greensboro Tobacco Warehouses, Inc., let contract to King-Hunter, Inc., at $114,924, for tobacco warehouse.

**GREENSBORO** — Greensboro Public Schools, 617 Simpson St., plans $500,000 school building program.

**GREENSBORO**—Greensboro Woman's College let contract to L. B. Gallimore, 508 Jackson, Greensboro, $44,136 for dining hall additions.

**GREENSBORO**—Stark S. Dillard let contract to Brooks Lumber Co., 302 W. Lee, at $40,519, for residence.

**GREENSBORO** — Woman's College of University of North Carolina, received low bid from Sanford Construction Co., for sanitary sewer and storm sewers; Wrenn-Wilson Construction Co., for tunnel.

**GREENSBORO** — H. L. Coble Construction Co., 1705 Battleground Ave., has contract at $40,000 for Temple Emmanuel.

**GREENSBORO** — University of North Carolina Woman's College plans home economics building.

**GREENSBORO** — North Carolina Milk Producers Federation, R. G. Lytle, Mgr., 518 Dixie Bldg., plans central plant for storage of surplus milk.

**GREENSBORO** — Board of Education let contract to King-Hunter, Inc., 1421 Westover Terrace, $43,321 for auditorium-gymnasium for North Spray School.

**HICKORY** — City let contract to Boyd and Goforth, Inc., Pineville Road, Charlotte, $135,-376, for water line extension.

**HIGH POINT** — Brooks Memorial Church received low bid from Coltrane and Graham, 245 S. Hamilton, at $40,800, for church.

**HENDERSON** — Ellis Motor Co., let contract to B. H. Mixon, Henderson at $36,000 for show room and garage.

**HENDERSONVILLE** — A. S. Browning, Jr., received low bid from Merchant Construction Co., Asheville at $125,000 for Kalmia Dairy Plant.

**HUDSON** — Caldwell County Board of Education let contract to Herman-Sipe Co., Conover, $70,500 for elementary school; plumbing, Parlier & Tomlinson, Lenoir; heating, Parlier & Tomlinson; electric, McMillan Electric Repair, Lenoir; Architects.

**JACKSONVILLE** — Board of Education, Onslow County, let contract to Rogers-DeVaun, Inc., Wilmington, for county shop.

**JACKSONVILLE** — Jacksonville Baptist Church received low bid, $74,375 from M. L. Skinner, New Bern, for church auditorium.

**KANNAPOLIS** — Dr. Estes White let contract to Wilson Brothers, Spencer, at $43,638, for residence.

**KINGS MOUNTAIN** — Kings Mountain City Schools plans $240,000 school program.

**KINSTON** — Lenoir County plans school program.

**LEAKSVILLE** — Board of Education let contract to King-Hunter, Inc., 910 E. Market, Greensboro, $43,321, for auditorium-gymnasium for North Spray School.

**LOUISBURG** — Louisburg College let contract to Edwards and Morris, Henderson, for gymnasium.

**LUMBERTON** — Southern Bell Telephone & Telegraph Co., Atlanta, Ga., let contract to Henry C. Beck Co., 1st National Bank Bldg., Atlanta, Ga., for dial and toll office building.

**MARION** — American Thread Company of New Jersey has acquired 200 acres of land at Sevier in McDowell County, as site for a new finishing plant.

**McCAIN** — North Carolina Sanatorium let contract to R. K. Stewart & Son, 1519 S. Main, High Point at $112,222 for auditorium and dietary building; Scholl-McLean, Rockingham, for plumbing; W. M. Wiggins & Co., Wilson, for heating; Bryant Electric Co., High Point for electric; Otis Elevator Co.,

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## NORTH CAROLINA—CONTINUED

(from page 39)

Greensboro at $14,520 for elevators.

**MOORESVILLE** — City let contracts for the following waterworks improvements: laying of pipe, A. P. White & Assocs., 104 Latta Arcade, Charlotte, $27,245; elevated tank, Chicago Bridge & Iron Co., Chicago, Ill., $64,-200; furnishing pipe only, Glamorgan Pipe & Fdry., Lynchburg, Va., $58,528; valves and fittings, Industrial Piping Co., Charlotte, $5,-073; hydrants, Grinnel Co., Charlotte; tank foundations, Wrenn-Wilson Co., Durham.

**MORGANTON** — Burke-McDowell Electric Membership Corp. received low bid from Hunter Electric Co., Inc., Charlotte, at $298,-969, for rural electric distribution project.

**NEWTON** — Everett Enterprises, Charlotte, let contract to Herman-Sipe and Co., Inc., Conover, for theatre building.

**NEW BERN** — Corps of Engineers, District Engineer, Savannah District, Savannah, Ga., let contract to N. F. Eure, Beaufort, for construction and completion of additional facilities at New Bern National Cemetery; Eng-09-133-49-165.

**PITTSBORO** — City let contract to C. M. Heffelfinger & Co., 2400 Wilkinson Blvd., Charlotte, for extending water lines.

**RALEIGH** — State Highway Commission, voted for immediate issuance of $50,000,000 in rural road bonds; proposal to use $5,000,-000 to buy road building equipment to start secondary road improvement program has been approved.

**RALEIGH** — Dr. Annie Louise Wilkerson, 100 E. Boylan Ave., let contract to W. E. Chappell for building, $47,500.

**RALEIGH** — Sacred Heart Cathedral Parish let contract to Lumberton Builders, Inc., Lumberton, for addition to Sacred Heart Cathedral School.

**RALEIGH** — Board of Trustees let contracts for alterations to lunchroom for Fred Olds School; plumbing, Durham Refrig. Sales & Service, Durham; heating and ventilating, Carolina Sales & Service, Raleigh; electric, Thomerson Electric Co., Durham.

**RALEIGH**—State Highway & Public Works Commission, let contracts for projects in following county:

**Mitchell** — Proj. No. 8561; Neal Hawkins, Gastonia, $85,422.

**COLUMBIA** — State Highway Department, C. R. McMillan, Comm., let contract for project in following counties:

**Abbeville**—Doc. 1.248, roadway; B. L. Jones & Co., Winder, Ga., $137,846;

**Hyde** — Proj. 2-301; J. S. Hill Construction Co., Washington, N. C., $105,373;

**Forsyth** — Proj. No. 7408; William F. Bowe & Co., Augusta, Ga., $227,116.

**ROCKINGHAM** — Southern Bell Telephone & Telegraph Co., Atlanta, Ga., let contract to Frank H. Conner Co., Charlotte, for dial and toll office building.

**ROCKY MOUNT** — Johnson Funeral Home let contract to Modern Builders at approximately $47,200, for funeral home and chapel.

**ROSEBORO** —Board of Education of Sampson County, let contract to J. W. Hunter, Wilmington, $64,619, for gymnasium.

**SALISBURY** — Salisbury City Schools, J. H. Knox, Supt., plans $930,000 school construction program.

**SALISBURY** — Veterans' Administration, Washington, D. C., announced selection of site for 1000-bed Veterans' Administration Neuropsychiatric Hospital, $17,000,000.

**SANFORD** — Jonesboro Heights Methodist Church let contract to L. P. Cox Co., for educational annex to church.

**SANFORD** — Board of Trustees of Sanford Public Schools, received low bid from R. M. Turlington, Lillington, $18,375, for cafeteria addition to St. Clair; Grannis and Sloan, Inc., Fayetteville, $58,780 for additions to McIver School.

**SMITHFIELD** — St. Paul's Episcopal Church let contract to Rogers Construction Co., for parish house.

**STATESVILLE** — Iredell County Board of Education let contracts for the following schools; Troutman School, G. L. Wilson Construction Co., Inc., Statesville, $57,000; Monticello School, P. S. West Construction Co., Statesville, $27,600; Mount Moune School, Barger Construction Co., Mooresville, $70,-000.

**THOMASVILLE** — City, Harry B. Finch, Mayor, received low bid from Ivy H. Smith Co., P. O. Box 2824, Greensboro, for floodlighting and electrical work at athletic field in Thomasville Memorial Park.

**WASHINGTON** — Beaufort County plans $1,150,000 school building program.

**WHITEVILLE**—First Presbyterian Church let contract to Lumberton Builders, Inc., Lumberton, for educational building.

**WILMINGTON** — Corps of Engineers, Savannah District, Savannah, Ga., let contract to Miller Building Corp., 5 Princess St., Wilmington, for alterations to shipyard cafeteria building; Inv. Eng-09-133-49-211.

**WILMINGTON** — Navy Department, District Officer in Charge of Construction, Naval Base, S. C., let contract to J. D. Orrell, Wilmington, for additional mooring facilities, Naval Reserve Training Center; Spec. 22236, NOy 18427.

**WILMINGTON** — L. N. Boney, 120 S. 5th St., Wilmington, Archt., New Hanover County plans school improvement program.

**WILSON** — Little John Faulkner, Mayor, received low bid from Crain and Denbo, Inc., for power plant improvements.

**WILSON** — First Presbyterian Church let contract to Jones Brothers and Co., Wilson, at $242,600, for church building.

**WINSTON - SALEM** — Wilson - Covington Construction Co. has construction underway on 200-unit Ardmore Terrace Apartments, Cloverdale Ave.; $1,500,000.

**WINSTON-SALEM** — Park Terrace, Inc., let contract to Raymond G. Burge, Martinsville, Va., for $1,493,000 Negro housing project in Forsythe County.

**WINSTON-SALEM** — Ardmore Moravian Church let contract to Floyd S. Burge Construction Co., 406 Dean, for building; $100,-000.

**WINSTON-SALEM** — Thalhimers, Richmond, Va., let contract to Frank L. Blum Co., $100,000, for alterations to Sosnik's Store.

**WINSTON-SALEM** — Wachovia Bank and Trust Co. let contract to Frank L. Blum, 860 W. 4½, for branch office building.

## OKLAHOMA

Corps of Engineers, Tulsa, let contract to Benson Excavating Co., 406 Hammond Ave., San Antonio, $974,777, for reservoir clearing, Fort Gibson Dam, Grand (Neosho) River.

**BARTLESVILLE** — Washington County Commissioners, Clyde V. Reasor, Clerk, received low bid from Walter Nashert Co., 16 N. E. 27th, Oklahoma City at $389,641 for additions and remodeling of County Memorial Hospital, 3rd & Cherokee; Commercial Plumbing & Heating Co., 2 N. Indiana, Oklahoma City, low at $155,777 on mechanical work; Rogers Electric Co., 311 S. Keeler, Bartlesville, low at $43,900 on electrical work.

**BARTLESVILLE** — City, C. O. Huntress, City Mgr., let contract to Jack Briscoe, Stillwater at $79,824 for Contract No. 3—entrance roads, concrete taxiway #2, hardstand for Municipal Hangar 1, North Hangar area and utilities, and to Cowen Construction Co., Shawnee at $186,000 for Contract No. 5, Municipal Hangar 1, two-60 ft. by 60 ft. hangars and two "T" type hangars, Municipal Airport.

**BINGER** — Caddo Electric Cooperative has $230,000 REA loan for 118 miles line.

**CHICKASHA** — Federal Works Agency, Division Engineer, Dallas, Texas, let contract to All States Decorators, Inc., Dallas, for miscellaneous repairs, etc., U. S. Post Office.

**DELL CITY** — City let contract to John B. Martin at $45,787 for city hall.

**FORT GIBSON** — Corps of Engineers, Tulsa, received low bid from J. B. Bales Construction Co., McAlester, $79,240, for bridge over Chouteau Creek, State Hwy. No. 33, Fort Gibson Dam, Grand (Neosho) River.

**HOBART** — Federal Works Agency, Division Engineer, Dallas, Texas, received low bid from M. T. Green, Hobart, for miscellaneous repairs, etc., U. S. Post Office.

**KINGFISHER** — Federal Works Agency, Division Engineer, Dallas, Texas, let contract to Steinberg & Son, Kingfisher, for miscellaneous repairs, U. S. Post Office.

**LAWTON** — J. Wiley Richardson plans expansion of flower shop at 104 S. Sixth.

**LAWTON** — J. Wiley Richardson plans three-story apartment house at 514 A Avenue.

**McALESTER** — Board of Education plans reroofing Washington School.

**MIAMI** — B. F. Goodrich Co., Walter E. Head, Plant Mgr., let contract to Jones Brothers Construction Co., Joplin, Mo., for $700,000 warehouse for tire manufacturing plant.

**MULHALL** — Board of Education let contract to Edward Hughes, Edmond, $62,900 for addition to school.

**MUSKOGEE** — Cumberland Presbyterian Church plans $350,000 building fund campaign.

**MUSKOGEE**—Federal Works Agency, Division Engineer, Dallas, Texas, let contract to Harper Elevator Service, Muskogee, for elevator repairs, U. S. Post Office and Court House.

**NORMAN** — Central States Hospital, State Board of Affairs, W. R. Borgman, Chmn., State Capitol Bldg., Oklahoma City, let contract to Tankersley Construction Co., 1st National Bank Bldg., Norman at $428,000 for 50-bed Tuberculosis Hospital.

**OKLAHOMA CITY** — Board of Education let contract to Pennington and Winter, $65,-200 for cinder track; for stadium.

**OKMULGEE** — East Central Oklahoma Electric Cooperative plans Project Okla. 23-LMPR Okmulgee.

**PAULS VALLEY** — Department of Army, National Guard Bureau, U. S. Property and Disbursing Officer, Oklahoma City, plans motor vehicle storage building, $40,000.

**PERRY** — City, Building Commission, Ted Newton, Chmn., has preliminary plans in progress for $300,000 30-bed hospital.

**SAYRE** — Northfork Electric Cooperative has $540,000 REA loan for 353 miles of line.

**STILLWATER** — Payne County received low bid from Harmon Construction Co., 1138 N. W. 4th St., Oklahoma City, for addition to Payne County Hospital.

**STILLWATER** — Central Rural Electric Cooperative plans 236.54 miles lines.

**TULSA** — Corps of Engineers, Tulsa District, Lt. Col. H. F. Dyer, Acting Dist. Engr., received low bid from Standard Paving Co., at $38,343 for reconstructing parking apron at Tulsa Municipal Airport; Eng-34066-49-110.

**TULSA** — Dr. David Shapiro plans residence; $50,000.

**TULSA** — J. Leighton and Dr. Gifford Henry, plan four apartment buildings; $200,-000.

**TULSA** — Frank Walker plans $40,000 residence.

**TULSA** — White City Baptist Church, Pastor, plans church; $250,000.

**TULSA** — Ernest Fields plans two apartment buildings.

**TULSA** — City Board of Education plans additions and alterations to Wilson School.

**TULSA** — Forrest H. Lindsay let contract to Paddock Engineering Co., Dallas, Tex., for recreation building.

**WALTERS** — Cotton Electric Cooperative let contract to W. J. Thomas Co., Dallas, Tex., at $247,074, for 229.13 miles single phase lines; Okla. 22 X and Y Cotton, Part I.

**WATONGA** — Federal Works Agency, Division Engineer, Dallas, Texas, received low bid from R. M. Flagg, Tulsa, for miscellaneous repairs, etc., U. S. Post Office.

**WILBURTON** — Kiamichi Electric Cooperative plans 603.5 miles lines.

**WYNNEWOOD** — Paul Harris, Oklahoma National Bank Bldg., Chickasha, Archt., plans erection of clinic and hospital.

## SOUTH CAROLINA

**ANDERSON** — Lee Owens let contract to Holman Construction Co., at $45,400, for store building.

**ANDERSON** — S. & J. Simonwitz, Inc., let contract to Holman Construction Co., Inc., for alterations and additions to store.

**AYNOR** — Board of Trustees let contract to Moore Construction Co., Myrtle Beach, $73,000 for school.

**BARNWELL**—Salkehatchie Electric Corp., received low bid from Little Electric Co., Hartsville at $58,065 for Project SC 36-H, construction of approximately 39.9 miles distribution lines located in Barnwell and Allendale Counties.

**BEAUFORT** — Navy Department, Officer in Charge of Construction, Naval Base, let contract to Stricklands Appliances for oil-fired heating system for Medical Officer in Command Quarters, Naval Hospital; NOy 18515.

**BEAUFORT** — Navy Department, let contract to Kinghorn Building Supply Co., Beaufort, for placing tile, painting and insulating, Medical Officer-in-Command quarters, U. S. Naval Hospital; Spec. 22321, NOy 18516.

**BELTON** — Fred Black received low bid from Ross Builders Supply Co., Anderson, for residence.

**CAMDEN** — E. I. duPont de Nemours & Co., let contract to McKoy-Helgerson Co., 8-A W. North, Greenville, for new plant.

**CHARLESTON** — Corps of Engineers, let contract to Merritt Dredging Co., $90,292, for maintenance dredging, Little River to Winyah Bay, Atlantic Intracoastal Waterway between Norfolk, Va. and St. Johns River, Fla., Inv. 28.

**CHARLESTON** — Officer in Charge of Construction, U. S. Naval Shipyard, Naval Base, let contract to Dotterer Engineering Co., 12 Exchange, Charleston at $46,758, Items 2, addition to Naval Reserve Training Center.

**CHARLESTON**—South Carolina Power Co. let contract to C. Y. Thomason Co., Greenwood, for installation of second unit, Plant Hagood; following were awarded sub-contracts: Fischbach & Moore, Inc., electrical construction; Virginia Bridge Co., structural steel; Riley Stoker Corp., boiler; Westinghouse Electric Corp., turbine generator; C. H. Wheeler, condenser and pumps; American Blower Corp., fans; Ingersoll-Rand, boiler feed pumps; Air Preheater Corp., air preheater; Republic Flowmeters Co., combustion control; Foster-Wheeler and Elliott Co., feedwater heaters; Griscom-Russell, Grinnel Co., and General Electric Co., evaporator; General Electric Co., switchgear, 2300 volts; Westinghouse Electric Corp., 600 volt switchgear, transformers and oil circuit breakers; Railway & Industrial Engineering Co., 15KV disconnecting switches; Johnson Manufacturing Co., 46KV disconnecting switches.

**COLUMBIA** — Board of Regents of South Carolina Hospital let contract to Walker Plumbing and Heating Co., 721 Lady, Columbia for Project SC 16, steam distribution in Ward Buildings Nos. 1, 2, 3 and 4, South Carolina State Hospital.

**COLUMBIA** — Oliver Motor Co., let contract to J. C. Heslep, South Carolina Bank Bldg., Columbia at $108,749 for sales and service building.

**COLUMBIA** — State Highway Department, C. R. McMillan, Chief Hwy. Comm., let contracts for projects in following counties:

**Aiken**—S. C. Doc. 2.2736; Claussen-Lawrence Construction Co., $88,191;

**Chester** — S. C. Doc. 12.263; James T. Lokey Contracting Co., $112,166;

**Clarendon** — S. C. Doc. 14.259; J. F. Cleckley & Co., Inc., $67,683;

**Fairfield** — S. C. Doc. 20247, Spotts & Co., $88,680;

**Richland**—S. C. Doc. 40.319, etc.; Cherokee, Inc., Sumter Hwy., $111,750;

**Berkeley** — S. C. Doc. 8.277; Robert Lee, Inc., Manning.

**CONGAREE** — Corps of Engineers, District Engineer, Savannah District, Savannah, Ga., received low bid from Atlantic Building Corp., at $15,600 for crash truck station, Congaree Air Base.

**FAIR FOREST** — Spartanburg County School District No. 2, let contract to Manor Construction Co., Columbia, S. C., $134,990, for elementary school.

**FORT JACKSON** — Post Quartermaster, Purchasing and Contracting Division, received low bid from W. A. Foster Construction Co., at $65,994 for renovation of 7 nurses' quarters buildings, Station Hospital; Ser. TAA 318-49; Inv. 38-042-49-122.

**FORT JACKSON** — Post Quartermaster, Purchasing and Contracting Branch, let contract to W. A. Foster Construction Co., Inc., P. O. Box 1334, Burlington, N. C., at $65,994 for renovation of 7 nurses' quarters buildings, Station Hospital.

**GAFFNEY** — First Baptist Church received low bid from Crosland Construction Co., 1623 Hardin-Columbia, at $250,923, for auditorium, school building and chapel.

**GEORGETOWN** — Navy Department received low bid from Salmons Dredging Co., Seaboard Pier, Charleston, for additional mooring facilities at Naval Training Center; Spec. 22110.

**GREENVILLE** — City let contract to Peden Construction Co., News Bldg., Greenville at $97,029 for fire station on Augusta Road and one on Stone Ave.

**GREENVILLE** — Children's Center, Leon Campbell plans new Center; $100,000.

**GREENVILLE** — Barber-Colman let contract to Triangle Construction Co., Morgan Bldg., Greenville at $49,225 for office shop and storeroom.

**GEORGETOWN** — Navy Department let contract to Salmons Dredging Co., Seaboard Pier, Charleston, for additional mooring facilities, Naval Reserve Training Center; Spec. 22110, NOy 18292.

**GREENWOOD** — Greenwood County Electric Power Comm. will construct with own forces, 91 miles distribution lines for system improvements; S. C. 13K-Greenwood.

**GREER** — D. D. Davenport, J. A. Bailey and C. McClimon plan residential sub-division just off Super Hwy.

**HONEAPATH** — Board of Trustees let contract to C. M. Guest & Sons, $49,687 for school.

**LEXINGTON** — Mid-Carolina Electric Cooperative has $110,000 REA loan for 50 miles line.

**LORIS** — Loris Community Hospital let contract to Norman A. Smyth Co., 404½ S. Tryon, Charlotte, N. C., at $134,540 for hospital.

**MANNING** — Clarendon County let contract to Craig-Roberson Construction Co., 1610 Westminster Drive, Columbia at $376,423 for Clarendon County Hospital.

**NEWBERRY** — Newberry Electric Cooperative has $200,000 REA loan for 39 miles line for system improvements, including 22.6 miles new tie lines, two-way radio communication system and completion of previously approved construction; S. C. 34G Newberry.

**ORANGEBURG** — Board of Trustees received low bid from Spong Construction Co., S. C. National Bank Bldg., Columbia, $105,939 for two units-eight classrooms at high school.

**ORANGEBURG**—First Presbyterian Church, J. R. Council, Chmn., Building Committee, let contract to Crosland Construction Co., 1623 Harden, Columbia, at $94,584, for church and Sunday School building.

**SENECA** — Oconee County let contract to Cromer & Sullivan Construction Co., Anderson at $123,696 for hospital.

**SPARTANBURG**—Southside Baptist Church let contract to W. M. Fine, for church.

**SPARTANBURG** — P. S. Cecil plans 12-story apartment building.

**SPARTANBURG** — Board of Trustees of Spartanburg General Hospital let contract to McKoy-Werry Co., St. John St., at approximately $1,072,000 for addition to Hospital.

**SPARTANBURG** — Schuyler Apartments, Inc. let contract to P. S. Cecil, 290 W. Henry, at $758,000 for apartments.

**SPARTANBURG** — W. R. Scott received low bid from Brady and Son, for residence.

**ST. MATTHEWS** — Tri-County Electric Cooperative, Inc. let contract to Seastrunk Electric Co., 1731 Hardin, Columbia, at $86,396 for 49 miles rural electric distribution lines.

**WINNSBORO** — Fairfield Electric Cooperative, Inc., has $275,000 REA loan for 91 miles line, for system improvements, including 26 miles new tie line; S. C. 22M Fairfield.

**UNION** — Union Hospital District, T. J. Glenn, Sec., Board of Trustees, let contract to Daniel Construction Co., 429 N. Main, Greenville at $307,383, for alterations and additions to Wallace Thomson Hospital; Thomas H. Brittingham & Co., Augusta, Ga., has contract at $108,000 for plumbing, heating and sprinklers; Boyd Electric Co., Lancaster at $31,395 for electric; Smith-Wadsworth Co., Charlotte, N. C., at $13,528 for kitchen equipment; American Sterilizer, Atlanta, Ga., at $13,401 for sterilizers; Reamer Industries, Inc., Columbia at $38,857 for air conditioning, ventilation, and refrigeration; General Elevator Co., Charlotte at $24,813 for elevators.

**WHITMIRE** — City let contract to Ridlehuber & Co., Inc., Greenwood, $42,244 for sanitary sewers, watermains, and excavations of old water mains.

**YORK** — York Electric Cooperative, Inc. let contract to E. C. Bridges, Heath Springs, at $73,526, for 53.3 miles lines; Project S. C. 41-E York.

## TENNESSEE

Tennessee Valley Authority, Knoxville, plans flood control project on Upper French Broad River.

Corps of Engineers, Memphis, let contract to Mississippi Valley Engineering & Construction Co., 736 Alabama, Memphis, $384,579, for placement of 17,100 squares of 10-in. riprap pavement on previously graded banks of Mississippi river.

Corps of Engineers, Memphis, Tenn., let contract to San Finley, Inc., 292 North Ave., Atlanta, Ga., $965,100, for 45,000 squares of asphalt bank paving and appurtenant work along banks of Mississippi River between Memphis, Tenn. and mouth of White River, Ark., Inv. 150.

**ATHENS** — Athens Table Co., F. P. Sizer, Jr., Gen. Mgr., Monett, Mo., let contract to W. E. Hamby at $56,472 for plant.

**CHATTANOOGA** — Navy Department let contract to Verhey Construction Co., 207 N. Holly, Chattanooga at $50,834 for addition to Naval Reserve Training Center; Spec. 22384.

**CHATTANOOGA**—Board of Education let contract to Verhey Construction Co., $288,636, for Elbert S. Long School.

**CHATTANOOGA** — Central Trailways of Chattanooga let contract to T. U. Parks at $52,115 for bus depot, 521 Broad St.

**CHATTANOOGA** — Double Cola Bottling Co., let contract to Mark K. Wilson Co., at $53,000 for building, 17th and Central Aves.

**CHATTANOOGA** — Washington Apartments, Inc., has construction started on $400,000 Negro apartment project, at North Highland Park and Citico Aves.

**CHATTANOOGA** — Board of Education plans addition to Ringgold High School.

**CHATTANOOGA** — Board of Education received low bid from Collins and Hobbs, 4011½ Tennessee Ave., $42,496 for Bess Shepherd School.

**CHATTANOOGA** — Board of Education plans gymnasium for Lakeview School in Catoosa County, $50,000.

**CHATTANOOGA** — City approved issuance of $500,000 bond issue to install new fire alarm system.

**CHATANOOGA** — Kalman's will remodel old Darling Shop, 700 Market St., into dress shop, $50,000.

**CLEVELAND** — Board of Education let contract to W. E. Hamby, Athens, $46,065, for addition to Templeton Hill Grammar School.

**JACKSON** — J. Frazer Smith, Inc., Archts., plan Jackson Clinic, $300,000.

**JEFFERSON CITY** — Appalachian Electric Cooperative let contract to Irgy Construction Co., 817 South State St., Jackson, Miss., at $366,173, for 234 miles line.

**KNOXVILLE** — Fountain City Methodist Church, Rev. T. Paul Simms, Pastor, let contract to William Travis, for $40,000 educational building.

**LEXINGTON** — City approved power line extension program; $65,000.

**MAYNARDVILLE** — Board of Education received low bid from George W. Reagan, 510 Grainger Ave., Knoxville, $304,950 for Horace Maynard High School.

**McMINNVILLE** — Mid-Tennessee Amusement Co., Inc., C. D. Walling, Pres., plans 400 car drive-in theater, three miles from city on Manchester Hwy, $50,000.

**MEMPHIS** — International Harvester Co., James R. Allen, Mgr., Industrial Engineering and Construction Department, let contract to William Culbreath Construction Co., Porter Bldg., Memphis, for $1,000,000 wholesale parts depot in South Memphis; Shelby Electric Co., 112 E. Iowa Ave., Memphis, has electrical contract; Johnson-Lenz, 293 Jefferson Ave., Memphis, for heating, ventilating and air conditioning; Texas Automatic Sprinkler Co., 325 W. Trigg Ave., Memphis, for sprinkler system; Gage Structural Steel Co., Chicago, Ill., for structural steel.

**MEMPHIS** — Corps of Engineers, let contract to Weymouth Construction Co., 2174 Pearson Ave., $718,180, for casting articulated concrete mattress, Richardson Landing, Inv. 146.

**MEMPHIS** — City plans school to be located at Summer and Graham.

**MEMPHIS** — Dixie Greyhound Bus Lines, Earl W. Smith, Pres., let contract to Tri-State Construction Co., 1303 Three Sisters Bldg., Memphis, for new bus terminal, corner of Union and Hernando; H. W. Lancaster and Co., 709 Roland have plumbing contract; Fowler Electric Co., for electrical work and W. F. Slater Engineering Corp., for air-conditioning and Balton & Sons for signs.

**MEMPHIS** — Klyce Motor Co., let contract to Southern Builders, Memphis, for office, show room and warehouse to be leased to Studebaker Corp., Part Division.

**MEMPHIS** — C. E. Prescott, 1165 S. Bellevue, let contract to Southern Builders, Memphis, for store for Kroger Co., leasee.

**MEMPHIS**—Memphis Light Gas and Water Division let contract to Howell Construction Co. for Sub-station No. 12.

**MEMPHIS**—Poplar Avenue Baptist Church let contract to Howell Construction Co. at $72,145, for church building.

**MEMPHIS** — Sam A. Sessels let contract to E. W. Meers Construction Co. for remodeling residence, Walnut Grover Rd.

**MEMPHIS** — Union Planters Bank let contract to Tri-State Construction Co., 1303 Three Sisters Bldg., for addition to Cleveland Branch.

**MEMPHIS** — Estes W. Mann, William C. Mann, 967 Shrine Bldg., Memphis, Archts., plan Collins Chapel Hospital (Negro), $1,000,000.

**MEMPHIS** — Helen I. Hepple let contract to C. E. McCrory Construction Co., 2948 Summer Ave., for store building, Jefferson Ave.

**NASHVILLE** — Public Buildings Administration, Washington, D. C., let contract to Westinghouse Elevator Co., Jersey City at $389,100 for complete elevator plant, Federal Office Building.

**NASHVILLE** — Commissioners of Public Buildings let contract to Beers Construction Co., 70 Ellis St., N. E., Atlanta, Ga., at $4,585,000 for Federal Office Building.

**NASHVILLE**—West Chester Courts, Pres., let contract to R. K. Smith, 208 Union St., for two-story, eight-unit apartment building, 514 Chesterfield Ave.

**NASHVILLE**—Methodist Board of Education, Bishop Paul B. Kern, 310 Broad St., Chmn., plans office building; $600,000.

**NASHVILLE**—Skyline Apartments, R. M. Condra and Co., Maxwell House, will build 48-apartment units, West End Circle; $300,000.

**NASHVILLE**—West Chester Courts, Pres., let contract to R. K. Smith, 208 Union St., for two-story, eight unit apartment house, 2824 Sharondale Dr.

**NASHVILLE**—Life and Casualty Insurance Co., A. M. Burton, Pres., plans office building, 4th Ave., and Church St.; $2,000,000.

**NASHVILLE**—West Chester Courts, Pres., let contract to R. K. Smith, 208 Union St., at $50,000, for two-story, 16-unit apartment house, 3205 Blair Blvd.

**NASHVILLE**—State Highway Department, received low bids for projects in following counties:

**Chester**—bridge and approaches over South fork of Forked Deer River on Sec. Rt. 8061, 2½ mi.; Forcum & James Co., 1489 Thomas, Memphis, $83,678.

**Meigs**—bridge and approaches over Ten Mile Creek on Sec. Rt. 4271; John L. Brinkley Construction Co., Shelbyville.

**Cheatam** — bridge and approaches over Harpeth River, Sec. Rt. 1, .4 mil.; Foster & Creighton Co., American National Bank Bldg., $101,778.

**Williamson** — overhead bridge and approaches over L&N Railroad on State Rt. 96; Marion Construction Co., Curtiswood Lane, $61,288.

**Hickman** — bridge and approaches over Duck River, State Rt. 50, 6 mi.; C. A. Thompson, Centerville, $272,868.

**ONEIDA**—Plateau Electric Cooperative has $1,250,000 for REA loan for 469 miles of line.

**RIPLEY**—Lauderdale County Commissioners approved $750,000 bond issue for school improvements.

**SHELBYVILLE**—Duck River Electric Membership Corp. let contract to Irby Construction Co., 817 South State St., Jackson, Miss., at $475,094, for 388.45 miles of line.

**SOMMERVILLE** — Fayette County School Board let contract to J. H. Morton, Sommerville, for Warren School.

**TRENTON**—Henry Dickey and Kaiser-Frazier Motor Co., lessees and owners, plan rebuilding commercial building destroyed by fire; $50,000.

**TULLAHOMA**—Mid-Tennessee Amusement

(Continued on page 42)

## TENNESSEE—CONTINUED

(from page 41)

Co., Inc., James Cardwell, Mgr., plans 400 car drive-in theater between Tullahoma and Winchester.

**UNION CITY**—Tennessee Church of Christ let contract to Joe Stryker, Portageville, Mo., at $74,898, for church building.

**WHITEHAVEN**—Walter B. McDaniel let contract to L. N. Williams for residence, Airways Blvd., south of Shelby Dr.; $35,000.

## TEXAS

Corps of Engineers, Galveston, let contract to McWilliams Dredging Co., P. O. Box 384, New Orleans, La., $393,990, for dredging Neches River Channel of Sabine-Neches Waterway, Inv. 307.

Peoples Gas Light and Coke Co. plans new 30-inch natural gas pipeline from Texas fields to Illinois; $100,000,000.

Pure Oil Co., has construction underway on $6,000,000 natural gasoline plant for Dollar Hide Pool of southwestern Andrews County, west Texas Permian basin.

Corps of Engineers, Galveston, received low bid from Massman Construction Co., Kansas City, Mo., $680,393, for substructures for Towash and Steeles Creeks and Brazos River bridges, M.K.T. Railroad Relocations, etc., Inv. 303.

**ABERNATHY** — City, E. B. Lindsey, Sec., let contract to J. R. Fanning, Lubbock, $98,335, for 40 to 45 blocks of street improvements.

**ALBANY**—Albany Independent School District plans $200,000 elementary school.

**ALVIN** — City let contract to H. E. Thomas, 1701 Hill St., Alvin, for sewage plant lift station.

**ALICE**—Rightway Pipe & Supply Co., and Frank Bertagna, let contract to B & R Construction Co., Milam St., Alice, for 26 housing units, Winfield Village.

**ALICE** — Alice Independent School District let contract to C. E. Leslie, Kingsville, $82,799 for Nayer School.

**AMARILLO** — St. Andrews Episcopal Church Congregation negotiated contract with Paul King for new church building.

**AMARILLO**—Potter County plans enlargement of Northwest Texas Hospital, $1,125,000.

**ANAHUAC** — Chambers County received low bid from Tellepsen Construction Co., 1700 Telephone Road, Houston at $242,759 for County Hospital.

**ANAHUAC** — Corps of Engineers, Galveston, received low bid from Hendry Corp., P. O. Box 25, Harvey, La., $207,244, for dredging Trinity River, Texas Channel to Liberty, from point 3 mi. north of Double Bayou to Anahuac, Chambers County, Inv. 321.

**ANGLETON** — Brazoria County let contract to R. F. Jordan Construction Co., Freeport at $104,700 for Exposition Building.

**ATHENS** — Henderson County Junior College let contract to Rutherford and Son, Greenville, $114,400 for administration building.

**AUSTIN** — University Baptist Church, Gerald E. Williams, Director, Student Activities, let contract to J. M. Odom, P. O. Box 774, at $151,753, for student center, 22nd and San Antonio Sts.

**AUSTIN** — State Highway Commission plans projects in following county:

**Hill**—State Hwy. 353, State Highway Engineer directed to proceed with construction of Noland River Bridge and approaches, .07 mi., $80,000.

**AUSTIN** — University of Texas sold $15,000,000 bond issue to Phelps, Fenn & Co., for school improvements.

**AUSTIN** — District Engineer, Galveston District, 606 Santa Fe Bldg., Galveston, recommended awards for family housing units, Bergstrom Air Force Base, to following: Lot I at $924,886 to Lawless & Alford, P. O. Box 600, Austin, on their alternate bid (reinforced concrete foundation); Lot 6 at $22,975 to Noser Construction Co., P. O. Box 871, McAllen; Lot 7 at $28,423 to W. D. Ferguson and Son, 1324 SE 7th St., Brownsville; and Lot 8 at $29,637 to Lawless and Alford; additional buildings numbers 11 and 12 and all appurtenant utilities included; if mechanical ventilation is approved for inclusion, recommended award of Lot 1, in total amount of $936,130 to Lawless and Alford; Inv. No. Eng. 41-243-49-299.

**AUSTIN** — Country Club of Austin Building Corp., let contract to J. M. Odom, P. O. Box 774, Austin, for new country club.

**AUSTIN** — University of Texas plans pharmacy building, $1,250,000.

**AUSTIN** — City, Guiton Morgan, City Manager, received low bid, $98,200 from E. B. Snead, Baloones Trail, for power plant, boiler and stock foundations, etc., Contract No. 13A.

**AUSTIN** — Country Club of Austin Building Corp., Felix Reeves, Pres., let contract to F. M. Reeves and Son, 1611 Weathersfield Rd., for swimming pool, south of city limits, one mile from Metropolis Bridge on Colorado River.

**AUSTIN** — Fulcher-Burgher Construction Co., 1010 W. 3rd St., Austin, submitted low bid of $302,780 for Holy Cross Hospital, to be located on East 19th St. at Walnut Ave. and operated by Franciscan Missionary Society under direction of Bishop of Galveston; Paul Wright Electric Co., 211 San Pedro Ave., San Antonio, low on electrical work at $26,667; Bradshaw & Puryear, 103 Brazos St., Austin, low on plumbing, heating and air conditioning at $129,300.

**AUSTIN**—Congress Avenue Baptist Church received low bid, $134,875 from J. M. Odom, P. O. Box 774, for educational building annex, 1511 S. Congress Ave.

**AUSTIN** — Federal Work Agency, Division Engineer, Dallas, let contract to Elevator Service Co., Inc., Austin, for elevator safety devices in U. S. Court House.

**AUSTIN**—City, Guiton Morgan, City Mgr., let contract to Moore Construction Co., P. O. Box 300, Austin at $37,722 for additions and alterations to Municipal Building, 8th and Colorado Sts.; Climate, Inc., 910 Lamar Blvd., Austin, has heating and air conditioning contract; O. H. Cummins Electric Co., 303 E. 7th St., Austin, on electrical work.

**AZLE** — Tri-County Electric Cooperative, Inc., received low bid, $158,481 from R. S. Goodman and Porter Horton, Sherman, for approximately 150 miles new lines, in Jack, Parker, Palo Pinto and Wise Counties.

**BAY CITY** — Corps of Engineers, Galveston, received low bid from Bauer-Smith Dredging Co., Port Lavaca, $180,508, for dredging from Liveoak Bayou to Matagorda Bay in Matagorda County, Inv. 334.

**BAYTOWN** — Higginbotham Motor Co., is remodeling building, $75,000.

**BAYTOWN**—Harris County, H. L. Washburn, Aud., Houston and State Highway Department, Jim Douglas, Engr., Austin, received low bid from Brown & Root, Inc., P. O. Box 3, Houston, $4,860,000, for Section 1 of Baytown Tunnel; Control No. 389-12-3 & 389-13-1, Fed. Proj. No. F-839(2) & (3), State Hwy. No. 146 & Spur 201, 2.522 mi.

**BEAUMONT** — First Baptist Church let contract to O. W. Collins, Port Arthur, at $327,000 for educational building, Broadway St.

**BEEVILLE** — Bee County plans remodeling Bee County Court House, $175,000.

**BISHOP** — Bishop Independent School District plans elementary school building adjacent to gymnasium.

**BLESSING** — Tidehaven Consolidated Independent School District let contract to Walter Droemer, Giddings, $178,869 for high school and gymnasium; Capitol Plumbing and Heating Co., 401 Guadalupe St., Austin, $28,863 for plumbing; W. K. Jennings Electric Co., 310 W. 10th St., Austin, $20,800 for electrical work.

**BORGER** — First Christian Church Congregation plans church and educational building, $150,000.

**BRACKETVILLE** — Rio Grande Electric Cooperative let contract to B. & C. Construction Co., 1317 Arborvitae, Dallas, at $347,290, for 185 miles rural electric distribution lines, Dimmit, Zavalla and Maverick Counties.

**BRENHAM**—Brenham Independent School District plans $100,000 school improvements.

**BRENHAM** — St. Paul Lutheran Church Congregation let contract to John E. Emshoff, for parsonage.

**BROWNSVILLE**—Carthage Hydrocol, Inc., let contract to H. B. Zachry Co., San Antonio, for $1,800,000 pipeline, extending from gas fields in San Salvador to Carthage syn-

(Continued on page 44)

## INDUSTRIAL

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 |
|---|---|---|---|
| Alabama | $338,000 | $500,000 | $5,258,000 |
| Arkansas | ..... | 50,000 | 9,500,000 |
| Dist. of Col. | | | |
| Florida | 1,239,000 | 550,000 | 9,172,000 |
| Georgia | 1,030,000 | 400,000 | 3,261,000 |
| Kentucky | ..... | ..... | 2,038,000 |
| Louisiana | 361,000 | 1,050,000 | 14,617,000 |
| Maryland | 328,000 | 415,000 | 9,113,000 |
| Mississippi | 725,000 | 900,000 | 11,905,000 |
| Missouri | 164,000 | ..... | 2,795,000 |
| N. Carolina | 1,440,000 | 2,600,000 | 24,480,000 |
| Oklahoma | 200,000 | 30,000 | 3,996,000 |
| S. Carolina | 2,015,000 | 300,000 | 24,097,000 |
| Tennessee | 1,361,000 | ..... | 90,440,000 |
| Texas | 4,634,000 | 111,075,000 | 65,261,000 |
| Virginia | 583,000 | 49,100,000 | 1,927,000 |
| W. Virginia | ..... | ..... | 1,250,000 |
| TOTAL | $14,921,000 | $166,970,000 | $279,110,000 |

## PRIVATE BUILDING

(Assembly, Commercial, Residential, Office)

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 |
|---|---|---|---|
| Alabama | $830,000 | $773,000 | $11,919,000 |
| Arkansas | 241,000 | 1,635,000 | 2,022,000 |
| Dist. of Col. | | 630,000 | 975,000 |
| Florida | 11,405,000 | 9,834,000 | 88,325,000 |
| Georgia | 1,686,000 | 2,285,000 | 26,790,000 |
| Kentucky | | 250,000 | 1,238,000 |
| Louisiana | 4,026,000 | 1,705,000 | 23,480,000 |
| Maryland | 13,352,000 | 1,380,000 | 40,645,000 |
| Mississippi | 3,713,000 | 2,025,000 | 8,721,000 |
| Missouri | 710,000 | 100,000 | 20,657,000 |
| N. Carolina | 10,460,000 | 5,735,000 | 24,723,000 |
| Oklahoma | 384,000 | 1,920,000 | 9,564,000 |
| S. Carolina | 1,384,000 | 2,850,000 | 8,049,000 |
| Tennessee | 3,188,000 | 3,000,000 | 19,714,000 |
| Texas | 14,169,000 | 7,375,000 | 185,917,000 |
| Virginia | 1,693,000 | 612,000 | 9,960,000 |
| W. Virginia | 98,000 | 600,000 | 518,000 |
| TOTAL | $67,339,000 | $42,709,000 | $483,217,000 |

## ROADS, STREETS, BRIDGES

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 |
|---|---|---|---|
| Alabama | | $1,320,000 | $939,000 |
| Arkansas | 1,832,000 | | 2,163,000 |
| Dist. of Col. | | | 4,086,000 |
| Florida | 1,409,000 | 1,690,000 | 4,582,000 |
| Georgia | 2,320,000 | 1,060,000 | 11,938,000 |
| Kentucky | 7,294,000 | 7,380,000 | 20,149,000 |
| Louisiana | 3,420,000 | 32,830,000 | 18,441,000 |
| Maryland | 18,198,000 | 2,537,000 | 45,725,000 |
| Mississippi | 1,776,000 | 2,980,000 | 8,223,000 |
| Missouri | 4,030,000 | 10,371,000 | 12,434,000 |
| N. Carolina | 1,396,000 | 750,000 | 13,664,000 |
| Oklahoma | 2,660,000 | 38,000 | 15,161,000 |
| S. Carolina | 1,521,000 | 860,000 | 13,834,000 |
| Tennessee | 2,510,000 | 780,000 | 11,381,000 |
| Texas | 10,782,000 | 3,870,000 | 71,287,000 |
| Virginia | 1,038,000 | 3,400,000 | 12,468,000 |
| W. Virginia | 365,000 | 620,000 | 4,868,000 |
| TOTAL | $60,551,000 | $70,486,000 | $271,343,000 |

## PUBLIC BUILDING

(City, County, State, Federal; Hospitals; Schools)

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 |
|---|---|---|---|
| Alabama | $2,201,000 | $2,430,000 | $20,764,000 |
| Arkansas | 50,000 | 1,130,000 | 4,175,000 |
| Dist. of Col. | 3,114,000 | 570,000 | 41,870,000 |
| Florida | 4,655,000 | 1,462,000 | 29,675,000 |
| Georgia | 1,379,000 | 11,113,000 | 15,997,000 |
| Kentucky | 737,000 | | 3,274,000 |
| Louisiana | 7,031,000 | 6,675,000 | 33,848,000 |
| Maryland | 4,850,000 | 35,509,000 | 27,047,000 |
| Mississippi | 3,586,000 | 24,506,000 | 20,398,000 |
| Missouri | 1,911,000 | 1,785,000 | 7,745,000 |
| N. Carolina | 4,209,000 | 10,675,000 | 28,326,000 |
| Oklahoma | 949,000 | 910,000 | 14,519,000 |
| S. Carolina | 1,620,000 | 835,000 | 10,165,000 |
| Tennessee | 1,222,000 | 5,120,000 | 26,897,000 |
| Texas | 15,517,000 | 11,135,000 | 85,527,000 |
| Virginia | 2,951,000 | 7,886,000 | 26,536,000 |
| W. Virginia | 120,000 | 3,500,000 | 661,000 |
| TOTAL | $56,102,000 | $125,241,000 | $397,374,000 |

## PUBLIC ENGINEERING

(Dams, Drainage, Waterworks, Sewers, etc.)

| | July, 1949 Contracts Awarded | July, 1949 Contracts to be Awarded | Contracts Awarded First Seven Months 1949 |
|---|---|---|---|
| Alabama | $ | $ 556,000 | $3,405,000 |
| Arkansas | 2,800,000 | 1,300,000 | 9,910,000 |
| Dist. of Col. | 60,000 | 1,550,000 | 1,094,000 |
| Florida | 727,000 | 975,000 | 20,104,000 |
| Georgia | 1,199,000 | 5,815,000 | 10,638,000 |
| Kentucky | 356,000 | 3,805,000 | 4,432,000 |
| Louisiana | 3,827,000 | 7,018,000 | 26,250,000 |
| Maryland | 1,016,000 | 2,590,000 | 10,176,000 |
| Mississippi | 2,722,000 | 14,978,000 | 10,666,000 |
| Missouri | 939,000 | 6,415,000 | 10,106,000 |
| N. Carolina | 1,480,000 | 680,000 | 8,229,000 |
| Oklahoma | 1,334,000 | 3,707,000 | 12,505,000 |
| S. Carolina | 640,000 | 1,515,000 | 5,066,000 |
| Tennessee | 2,419,000 | 1,720,000 | 14,043,000 |
| Texas | 4,749,000 | 87,235,000 | 55,472,000 |
| Virginia | 563,000 | 920,000 | 16,038,000 |
| W. Virginia | | 645,000 | 1,685,000 |
| TOTAL | $24,831,000 | $141,424,000 | $219,820,000 |

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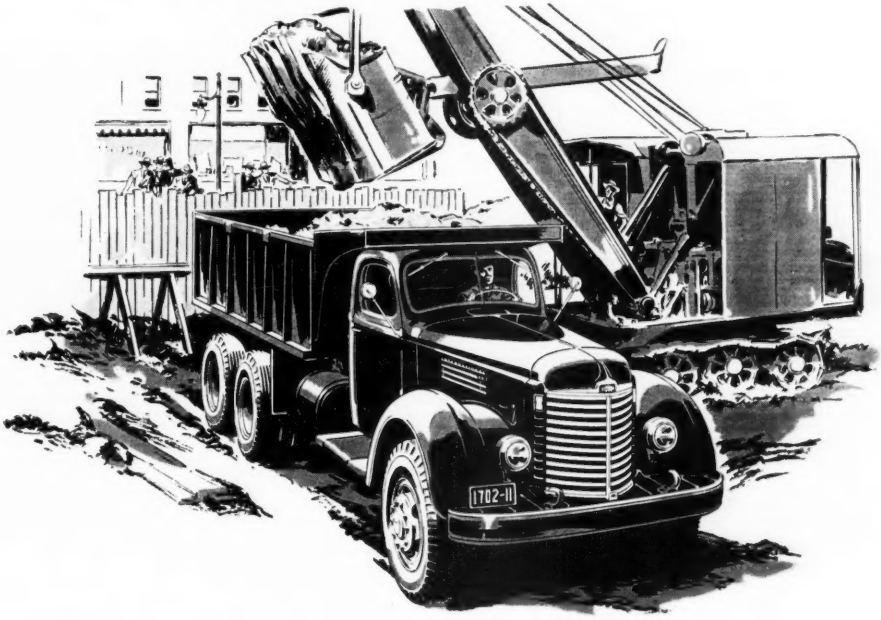


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30M-40M-90M-125M

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THE GORMAN-RUPP COMPANY
MANSFIELD, OHIO


## TEXAS—CONTINUED

(from page 42)

thetic gasoline plant at Brownsville.

**BRYAN** — Apartments, Inc. received low bid, $97,400 from C. L. Andrews for Hillcrest Apartments.

**BURNET** — City approved $250,000 bond issue for water and sewer improvements, includes $150,000 for waterworks and $100,000 for sewer system.

**CAMERON AND WILLACY COUNTIES**—Corps of Engineers, Galveston, let contract to Atlantic, Gulf & Pacific Co., Citizens State Bank Bldg., Houston, for dredging tributary channel of Gulf Intra-coastal waterway to Harlingen via Arroyo Colorado, etc., $287,753 Inv. 229.

**COLLEGE STATION** — A & M College of Texas received low bid from I. J. Parks Construction Co., Austin, $60,735, for dairy building.

**COLLEGE STATION** — A & M College received low bid from J. W. Bateson Construction Co., Irwin-Keasler Bldg., Dallas, $457,216 for science building and freight elevator. Project No. 1-C-258.

**AUSTIN** — State Highway Commission, announced authorization of projects in following counties:

**Hardin**—Appropriation of $40,100, for placing asphalt seal and leveling course on Hwy. 69, 12.9 mi.;

**Harrison** — Project approved for widening and resurfacing of pavt. of U. S. Hwy. 80, 13 mi., $375,000;

**Kaufman** — State Hwy. Engr. directed to proceed with construction of grading and structures on State Hwy. 243 to Van Zandt County Line, $161,000.

**Madison** — Project approved to provide for placing of asphalt surf. on U. S. Hwy. 75, 5 mi.; $48,000.

**Bexar**—Extension to Loop 13, designated extending from junction with Military Rd. 4.75 mi.;

**Wilbarger** — State Hwy., Engr., directed to proceed with erection of sign showing prudent speeds on U. S. 287, 2.3 mi.;

**Comanche** — State Hwy. Engr. directed to proceed with surveys, right of way deeds and plans for grade separation of State Hwy. No. 36, with tracks of Santa Fe Railway near east city limit of Comanche.

**Van Zandt** — Appropriation of $36,000 for placing asphaltic leveling course on U. S. 80, 6.6 mi.;

**Jones**—U. S. 83 and State Hwy. 92, widening base and pavement, .7 mi., $36,900.

**AUSTIN** — State Highway Department, received low bids for projects in following counties:

**Dallas** — Hwy. 12, 3.193 mi. grading and structures; Dean Word, New Braunfels, $277,498;

**Hidalgo** — State 107, 9.719 mi. reconstruction grading, structures, flexible base and asphalt pavement; E. B. Darby, Pharr, $173,463;

**Nueces** — F. M. 892, 7.268 mi. grading, structures, flexible base and asphalt surface treatment; Heldenfels Brothers, Rockport, $72,698;

**Nacogdoches**—F. M. 266, 10.527 mi. grading, structures, flexible base and single asphalt surface treatment; Leon Tillman Construction Co. and Moore Brothers Construction Co., Lufkin, $100,195;

**Lamar** — F. M. 38, 6.427 mi. grading, structures, flexible base and asphalt surface treatment; L. H. Lacy Co., Dallas, $96,105;

**Anderson** — F. M. 837, 12.388 mi. grading, structures, flexible base and single asphalt surface treatment; Reynolds & Huff, Tyler, $77,152;

**Garza and Lynn** — F. M. 211 and 400, 18.29 mi. grading, structures, flexible base and double asphalt surface treatment; Bryan & Hoffman, Plainview, $133,706;

**Liberty** — State 105, 5.882 mi. grading, structures, flexible base and double asphalt surface treatment; R. C. Buckner, Jacksonville, $70,246;

**Liberty and Montgomery** — State 105, 4.234 mi. flexible base and double asphalt surface treatment; H. R. Henderson & Co., Marshall, $70,769;

**Wise** — F. M. 51, 9.129 mi. grading, structures, flexible base and double asphalt surface treatment; John F. Buckner, Cleburne, $123,867;

**Medina** — U. S. 90, 4.314 mi. grading, structures, flexible base and double asphalt surface treatment; W. E. Ruby, San Marcos and Norman L. Larson, Austin, $117,136.

**Dallas** — U. S. 80, .538 mi. concrete pavement widening and hot mix asphaltic concrete pavement; City Construction Co., Dallas, $36,305.

**Hunt** — F. M. 816, 5.677 mi. grading, drainage structures and surface; T. C. Cage, San Antonio, $141,179;

**Tarrant** — State 183, 12.238 mi. grading, structures, select material shoulders and concrete pavement; Texas Bitulithic Co., Dallas.

(Continued on page 46)

# Precious stone*

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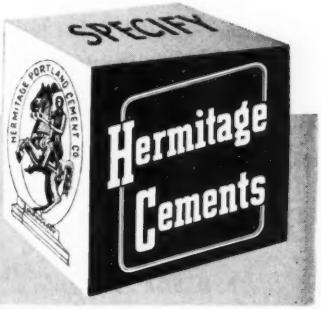


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AMERICAN TRUST BUILDING • NASHVILLE 3, TENNESSEE

PORTLAND—HIGH EARLY STRENGTH—AIR ENTRAINING—MASONRY

## TEXAS—CONTINUED

(from page 44)

$744,244;

**Nacogdoches** — U. S. 59, 2.8 mi. pavement widening, asphalt surfacing and storm sewer alterations; Reynolds & Huff, Tyler, $302,787;

**Lavaca and Colorado** — State 200, 5.726 mi. grading and structures; H. B. Zachary Co., San Antonio, $167,228;

**Shelby** — U. S. 96, 10.97 mi. grading and structures; R. B. Butler, Inc., Bryan, $261,-854.

**AUSTIN** — State Highway Commission, received low bids for projects in following counties:

**Washington** — Hwy. St. 90, 6.309 mi.; Howard Brothers, Madisonville and R. B. Butler, Inc., P. O. Box 471, Bryan, $236,930;

**Dallas** — Hwy. US 175, 2.083 mi.; The Austin Bridge, P. O. Box 1590, Dallas, $300,910;

**Frio** — Hwy. No. FM 140, 7.577 mi.; Schwope Brothers, 6633 W. Commerce St., San Antonio, $58,603;

**Wise** — Hwy. FM 51, 0.179 mi.; John F. Buckner & Sons, P. O. Box 76, Cleburne, $95,-376;

**San Augustine**—Hwy. St. 103, 7.249 mi.; W. R. Boyd, Inc., Cushing, $109,120;

**Grayson** — Hwy. St. 75A, 2.344 mi.; John F. Buckner & Sons, P. O. Box 76, Cleburne, $102,659;

**Harris** — Hwy. US 75, 7.560 mi.; Brown & Root, Inc., P. O. Box 3, Houston, $821,598;

**Eastland**—Hwy. FM 1027, 4.282 mi.; Harry Campbell, 2854 Berry St., Fort Worth, $35,-477;

**Polk** — Hwy. FM 942, 7.137 mi.; Moore Brothers Construction Co., P. O. Box 35, Lufkin and Leon Tillman Construction Co., Rt. 6, Box 314, Lufkin, $56,857;

**Goliad** — Hwy. FM 883, 6.967 mi.; J. M. Dellinger, Inc., P. O. Box 1355, Corpus Christi, $46,575;

**Leon** — Hwy. FM 977, 11.183 mi.; John I. Leslie, Chapman Bldg., Waxahachie, $67,056;

**Jefferson**—Hwy. St. 87, 3.490 mi.; Farnsworth & Chambers Co., Inc., P. O. Box 74, Houston, $538,781;

**Bell** — Hwy. St. 95, 12.476 mi.; T. C. Cage, 607 Travis Bldg., San Antonio and Dean Skinner, P. O. Box 4057, Austin, $311,579;

**Comanche** — Hwy. St. 6, 7.756 mi.; Thomas & Ratliff, Rogers and Fred Hall & Son, Valley Mills, $322,322;

**Taylor** — Hwy US 80 & 83, 0.504 mi.; F. M. Reeves & Sons, Post Office Box 972, Austin, Texas, $469,368;

**Mitchell** — Hwy. St. 101, 3.044 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $108,496;

**Henderson** — Hwy. FM 804, 4.841 mi.; F. C. Herrling, Kurten, $61,469;

**Hardin and Liberty** — Hwy. FM 770, 19.852 mi.; L. H. Lacy Co., 5630 Yale Blvd., Dallas, $299,885;

**Yoakum** — Hwy. FM 1077, 15.027 mi.; Kerr Y. Middleton, 2206 N. 3rd St., Lubbock, $80,-396;

**Wilson** — Hwy. FM 541, 9.419 mi.; H. B. Zackary Co., P. O. Box 2570, San Antonio, $67,654;

**Ellis and Navarro** — Hwy US. 75, 18.572 mi.; City Construction Co., 2411 Inwood Rd., Dallas, $160,239.

**AUSTIN**—State Highway Commission, received low bids for projects in following counties:

**Fayette** — Hwy. FM 155, 5.347 mi.; The Jarbet Co., 812 Insurance Bldg., San Antonio, $52,190;

**Henderson** — Hwy. FM 317, 6.552 mi.; Menefee Brothers, P. O. Box 431, Center, $78,688;

**Falls & Limestone** — Hwy. St. 7, 7.322 mi.; E. W. Hable & Sons, P. O. Box 628, Corsicana, $151,460;

**Hill** — Hwy. US 81, 5.909 mi.; Worth Construction Co., P. O. Box 531, Fort Worth, $77,-109;

**Hays** — Hwy. 123, 4.279 mi.; T. C.

**Bexar** — Hwy. St. 16, 1.513 mi., Dauey & Holifield, 1814 Transit Tower, San Antonio, $66,752;

**Grimes** — Hwy. FM 158, 8.067 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $182,078;

**Lamar** — Hwy. FM 906, 6.202 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $97,693;

**Wheeler** — Hwy. US 66, 13.411 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $199,699;

**San Patricio** — Hwy. US 281, 2.868 mi. E. B. Darby & Co., P. O. Box 467, Pharr, $36,531;

**Montague & Clay**—Hwy. St. 59, 5.891 mi.; Fred Bell, 1526 S. 7th St., Abilene, $110,605;

**Nacogdoches & Angelina** — Hwy. US 59; 13.61 mi.; Vilbig Construction Co., P. O. Box 5926, Dallas;

**Young** — Hwy. St. 79, 0.310 mi.; Benson & McGann, 1509 22nd. St., Wichita Falls;

**Hood** — Hwy. FM 7, 0.035 mi.; Harry Newton, Inc., Graham Land Office Bldg. Graham;

**Runnels**—Hwy. FM 53 & FM 382, 11.175 mi.; Thomas & Ratliff, Rogers, $73,744;

**Archer** — Hwy. FM 921, 4.707 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $55,744;

**Pecos** — Hwy. FM 11, 6.303 mi.; Ernest Loyd, P. O. Box 1120, Fort Worth, $41,057;

**Hidalgo** — Hwy. US 281, 6.029 mi.; South Texas Construction Co., P. O. Box 1673, San Benito;

**Pecos, Ector & Midland** — Hwy. US 290 & St. 158, 34.263 mi.; C. Hunter Strain, P. O. Box 1057, San Angelo, $26,604;

**Hartley** — Hwy. FM 767, 35.988 mi.; Ernest Lody, P. O. Box 1120, Fort Worth, $391,358.

**COLORADO CITY** — Colorado City School Board plans additional school facilities and improvements.

**COMANCHE** — Comanche County Electric Cooperative Association, 204 W. Central, let contract to B-Line Construction Co., 520 First National Bank Bldg., Oklahoma City, Okla., at $247,718, for 248 miles line.

**COMMERCE** — Board of Education let contract to L. F. Allen, Greenville, $56,000 for alterations and additions to grade school.

**CORPUS CHRISTI** — Sam E. Wilson, Jr. let negotiated contract to Henger Construction Co., Dallas National Bank Bldg., Dallas, for 15-story office building, Leopard and Carancahua Sts., $2,500,000.

**CORPUS CHRISTI** — Temple Beth El, Rabbi Sidney Wolf, plans Sunday School building and auditorium, 1315 Craig St.

**CORPUS CHRISTI** — Corpus Christi Independent School District let contract to Burnett Construction Co., 1816 Van Loan St., Corpus Christi, $66,380 for addition and remodeling George Washington Carver School, Hedden St.

**CORPUS CHRISTI** — International Brotherhood of Electrical Workers, Local 278, Eugene Hendricks, plans building, Morgan and Alameda Sts.

**CORPUS CHRISTI** — U. S. Naval Air Station, Officer in Charge of Construction let contract to Southwestern Materials, 300 W. 19th St., Austin, for numbering and marking runways and taxiways, Naval Auxiliary Air Station, Cabaniss Field; NOy 18374, Spec. 22187.

**CORPUS CHRISTI** — City, and Nueces County, George Prowse, Judge, plan addition to Memorial Hospital, $900,000.

**CORPUS CHRISTI** — City let contract to Fairbanks Morse Co., 5521 Navigation, Houston, for sewage pumps and equipment.

(Continued on page 48)


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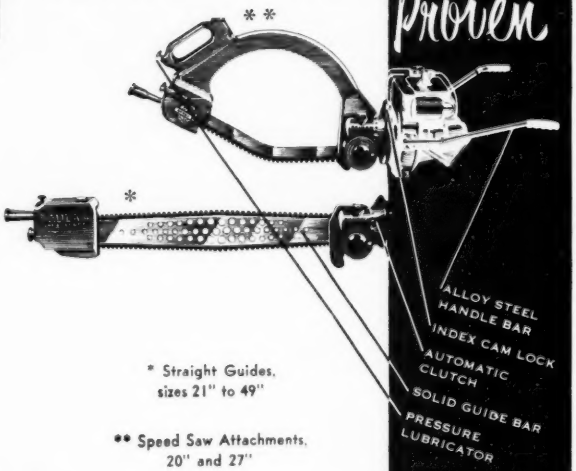
Poulan saws are engineered to solve YOUR bucking and felling problems; powered by a 6-horsepower engine of proven dependability. The Poulan Straight Guide and Speed Saw attachments were designed to cut from any angle . . . to help you get more logs to market in less time at lower cost. And a Poulan saw stands up because it's BUILT FOR THE JOB.

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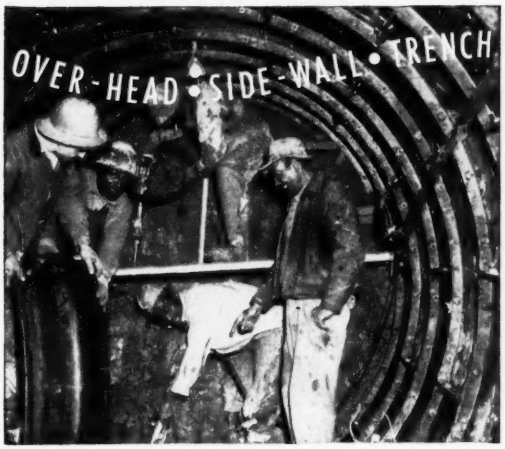


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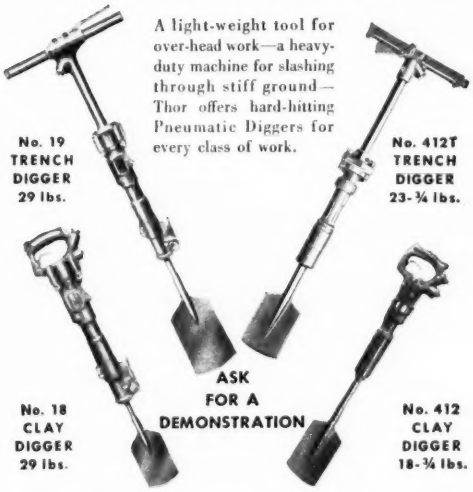


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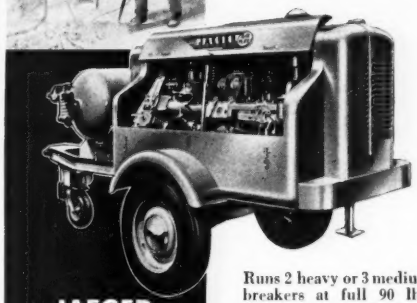

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## TEXAS—CONTINUED

(from page 46)

**CORPUS CHRISTI** — Corpus Christi Independent School District let contract to Braselton Construction Co., P. O. Box 4027, Corpus Christi, $119,806 for R. B. Fisher School.

**CORPUS CHRISTI** — Corpus Christi, Inc., Horace C. Botsford, Jr., Vice-Pres., received FHA approval for housing project on South Staples; $1,100,000.

**CORPUS CHRISTI** — Corpus Christi Independent School District let contract to Davis Construction Co., 1804 Morgan St., Corpus Christi, $69,467 for addition to Solomon Coles High School, 924 Winnebago St.

**CORSICANA** — Navarro County plans $1,200,000 hospital.

**DALLAS** — Buckner Orphans Home plans vocational school.

**DALLAS** — City let contract to Midwest Construction Co., 403 S. Haskell St., Dallas, for addition to Berkshire sanitary sewers, Contract No. 260.

**DALLAS** — Lone Star Gas Co. let contract to Carpenter Brothers, 1335 Plowman St., at $100,975, for office building, Wood and Park Ave.

**DALLAS**—Sears Roebuck & Co. plan store.

**DALLAS** — Buckner Orphans Home, Dallas County, let contract to J. L. O'Rourke & Son, 707 Clarmont, Dallas, $384,777 for dormitories and guest center.

**DALLAS** — City, Dallas County, received low bid from Vivrett & Vivrett, Southland Life Annex Bldg., at $564,449 for County Juvenile Detention Home and Administration building, Harry Hines Blvd.

**DALLAS** — Highland Baptist Church let contract to A. H. Ewing Sons, Inc., 2000 Fort Worth Ave., Dallas, for auditorium and additions to present church structure.

**DALLAS** — Volk Brothers Co., 1806 Elm St., let contract to Watson Co., 1927 S. Akard, for air conditioning building.

**DALLAS** — Stevens Park Christian Church received low bid from Miller and Norton, 4703 Ross Ave., for church, Colorado Blvd.

**DALLAS** — City received low bid from Austin Road Co., 1000 Singleton Blvd., Dallas, $135,251, for street improvements on Spring-Dolphin from Lagow to Haskell.

**DALLAS** — City received low bid from P. C. Sorenson, Southland Life Bldg., Dallas, $75,151 for Ash Creek Sanitary Sewers, Contract No. 263.

**DALLAS** — Dallas Housing Authority received low bid from Book Construction Co., 2628 Ferris, at $38,410, for maintenance and management building, alterations and additions.

**DALLAS** — City and Dallas County let contract to Vivrett & Vivrett, Southland Life Bldg., Dallas for County Juvenile Detention Home and Administration Building.

**DALLAS** — Southern Methodist University let contract to Henger Construction Co., Dallas National Bank Bldg., Dallas, for dormitory and library.

**DALLAS** — Lone Star Steel Co., has conditional loan of $34,000,000 from Reconstruction Finance Corp.; loan approved on condition that investments of $22,000,000 be made in plant expansion; expansion program includes installation of finishing facilities for manufacturing electric weld steel line pipe and oil well casing.

**DALLAS** — City let contract to O. J. Parrott, Lawnview, & Scyene Road, Dallas, for sanitary sewers, Contract No. 264.

**DALLAS** — City let contract to P. C. Sorenson Life Bldg., Dallas, $75,151 for sanitary sewer, Ash Creek, Contract No. 263.

**DENISON** — First Presbyterian Church, Rev. Edward Bayless, Pastor, let contract to Danielson Construction Co., at $81,915, for new building and remodeling sanctuary; Coston and Frankfurt, 519 Apco Tower, Oklahoma City, Okla.

**EL PASO** — College of Mines plans auditorium and science building, $800,000.

**EL PASO** — District Engineer, P. O. Box 1538, Albuquerque, N. M., let contract to E. E. Cloer Construction Co., 2825 Crockett St., Fort Worth at $57,258 for relocation of ordnance repair shop, from Camp Gruber to Fort Bliss; Ser. Eng-29-005-49-72.

**ENNIS** — First Methodist Church, is negotiating contract with Dolph Construction Co., 3901 Elm St., Dallas, for two-story church and educational building.

**FORT BLISS** — State of Texas, Adjutant General's Department, Col. T. M. Williams, U. S. Property & Disbursing Officer, Camp Mabry, Austin, let contract to J. E. Morgan & Sons, P. O. Box 721, El Paso at $62,684 for two motor vehicle storage buildings for Texas National Guard, Inv. NG-41-292-49-38.

**FORT BLISS** — Corps of Engineers, Albuquerque, New Mexico, received low bid, $160,988, from Brown and Olds Plumbing and Heating Corp., El Paso, for utilities and roads for family quarters; Ser. Eng. 29-005-49-101.

**FORT SAM HOUSTON** — Post Quartermaster, Purchasing & Contracting Branch, let contract to Santone Construction Co., P. O. Box 95, Grayson Street Station, San Antonio, for incinerator addition to Building No. 3822; Inv. E-41-133-49-110.

**FORT SAM HOUSTON** — Post Quartermaster, Purchasing & Contracting Branch, let contract to Texas Automatic Sprinkler Co., 702 S. Flores St., San Antonio for automatic sprinkler system for MRU buildings, T-223 & T-229; Inv. E-41-133-49-130.

**FORT SAM HOUSTON** — Post Quartermaster, Purchasing & Contracting Branch, let contract to A. J. Monier & Co., 1446 N. Flores St., San Antonio, for installation of high pressure steam boiler in Ordnance Automotive Repair Shop, 2500 Area; Inv. E-41-133-49-128.

**FORT SAM HOUSTON** — Post Quartermaster, Purchasing and Contracting Branch let contract to Santone Construction Co., P. O. Box 95, Grayson Street Station, San Antonio at $52,836 for alterations to mess halls, bldgs. Nos. 2399 and 2789; Inv. E-41-133-49-116.

**FORT WORTH** — E. F. Wagley, Mineral Wells, let contract to Lofland and Luther Construction Co., 6109 Camp Bowie Blvd., for two-story family units, Ridglea addition, 6336 Woverly.

**FORT WORTH** — District Engineer, Galveston District, 606 Santa Fe Bldg., Galveston, let contract to McCann Construction Co., P. O. Box 2079, Fort Worth, $1,036,527 for N.C.O. type family quarters at Carswell Air Force Base, Inv. No. Eng-41-243-49-298.

**FORT WORTH** — City, W. O. Jones, Mgr., received low bid from Texas Bituilthic Co., 7 W. 5th St., $58,880, for street improvements.

**FORT WORTH** — Contracting Officer received low bid from Lewis & Lewis, 205 Page, Fort Worth for gunnery training building, Carswell Air Force Base.

**FORT WORTH**—Fort Worth Independent School District let contract to Roden Construction Co., Burnett Bldg., Fort Worth, $388,800 for Riverside Junior High School.

**FORT WORTH**—City let contract to Glade

(Continued on page 50)


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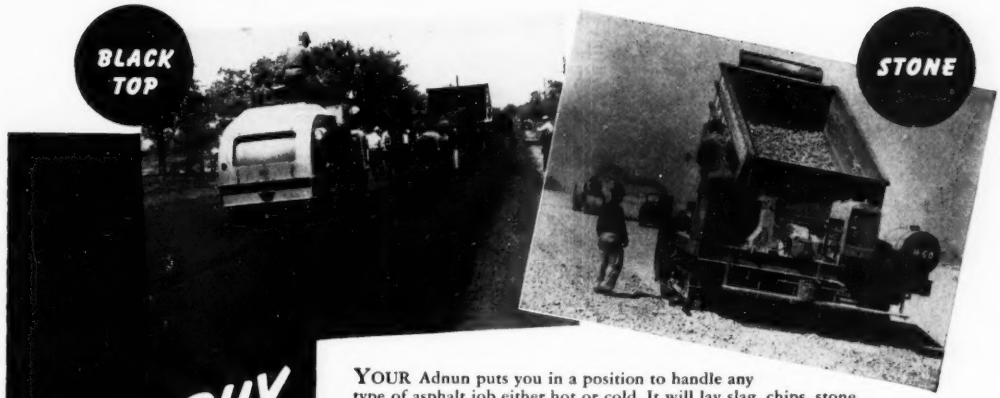


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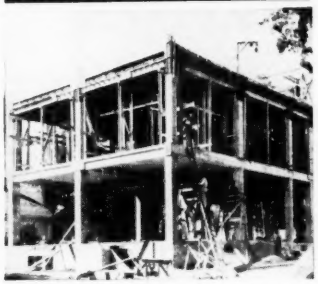

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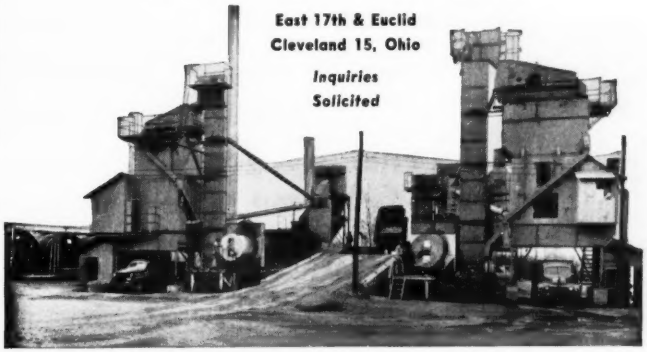

## TEXAS—CONTINUED

(from page 48)

Construction Co., Century Bldg., Fort Worth, for sanitary sewers in Kellis Parks addition.

**FORT WORTH** — R. S. Long plans residence, Ridglea Addition.

**FORT WORTH**—City plans storm sewers.

**FORT WORTH**—University Baptist Church plans chapel, Wabash and Conty Sts.; $135,000.

**FORT WORTH** — Rosen Heights Baptist Church let contract to Cain and Cain, Majestic Bldg., at $161,867, for educational building.

**FORT WORTH**—Fort Worth Independent School District plans addition to Arlington Heights High School.

**FORT WORTH**—City let contract to E. J. Tidwell, Inc., Fort Worth, for sanitary sewers.

**FORT WORTH** — Paul Hoggard plans Southside Postoffice, Berry & Willing Sts.

**FORT WORTH**—Broadway Baptist Church Congregation received low bid, $807,149 from A. J. Rife Construction Co., 2608 Inwood Rd., Dallas, for church building.

**FREEPORT** — Brazosport Independent School District let contract to Menical and Powell, Lake Jackson, $74,900 for high school.

**FRIENDSWOOD** — Friendswood Independent School District received low bid from Farnsworth and Chambers & Co., Inc., P. O. Box 74, Houston, $191,160 for addition to school facilities.

**GAINESVILLE**—City let contract to W. E. Woods, Gainesville, $156,864 for McMurray Elementary School.

**GALVESTON**—Sam Hauser let contract to Unbehagen & Rasmussen, 5020 Avenue R, Galveston, for two-story dwelling.

**GALVESTON** — Galveston County, C. C. Washington, Engr., let contract to Gulf Bitulithic Co., Houston, $38,511, for bridges for Perthius and Delaney Projects.

**GALVESTON** — Galveston County, C. C. Washington, Engr., let contract to Farnsworth & Chambers, P. O. Box 47, Houston, $90,379, for road improvements at Dickinson, League City and Friendswood, Galveston County.

**GALVESTON**—Medical & Surgical Group, Inc., 803 U. S. National Bank Bldg., let contract to O'Rourke Construction Co., P. O. Box 7557, Houston at $72,694 for Clinic, 24th & Avenue I.

**GEORGETOWN**—Southwestern University plans Lois Craddock Perkins Chapel Building.

**GILMER**—Gilmer Independent School District let contract to Berry Glass, Gilmer, for high school.

**GONZALES**—Gonzales Independent School District let contract to Bill Barta, Weimar, $59,995 for gymnasium.

**HAMILTON**—Harold Stroud plans alterations and additions to theater building.

**HARLINGEN**—Temple Beth Israel plans temple.

**HARLETON**—Harleton Rural School District let contract to Milo J. Choate, 1412 5th St., Tyler, $67,355 for elementary school.

**HEMPHILL**—Hemphill Independent School District let contract to A. L. Hays & Sons, Port Arthur, $96,930 for school.

**HENDERSON** — City W. M. Armstrong, Sec., let contract to D. Foster Sand and Gravel Co., P. O. Box 364, Tyler, for curb and gutter, storm sewers, sidewalks and driveways on E. Main St.

**HEREFORD** — City let contract to Enix Construction Co., Plainview, $99,853 for waterworks and sewer improvements.

**HILLSBORO** — Hillsboro Independent School District let contract to W. H. Connovey, Hillsboro, for Peabody School.

**HOUSTON** — Port City Packing Co., 4905 Calhoun Road, plans packing pre-treatment plant.

**HOUSTON**—City Council, Oscar Holcombe, Mayor, plans $5,000,000 general charity hospital in the Medical Center and the conversion of Jefferson Davis Hospital into a tubercular institution.

**HOUSTON** — City plans 5 health center buildings, $850,000.

**HOUSTON** — City received low bid from Gulf Bitulithic Co., 2820 Polk Ave., for paving Sauer St. from NPL Wentworth St. to NPL Rosedale St.

**HOUSTON**—Ayrshire Corp., 6625 Academy St., will build ten apartment buildings, 116 units, 7100 block Manchester St.; $830,000.

**HOUSTON** — Lenard Gabert, Archt., 1315 Bell Ave., let contract to H. K. Ferguson Co., M & M Bldg., for office and warehouse building.

**HOUSTON**—City let contract to Leo Linbeck Construction Co., 1350 Peden St., Houston, $433,750 for Heights Water Pump Station.

**HOUSTON** — Rhodes Sereau Construction Co., Country Club Apartments, 6500 Brookside St., will build apartment buildings, 40 units, 6503 Brookside St.; $250,000.

**HOUSTON**—Bellfontaine Apartments, Inc. let contract to McKenzie Construction Co. for 28 apartment buildings, 134 units, south side 3200 block Gramercy St.; $1,000,000.

**HOUSTON** — Houston Independent School District let contract to Marshall Construction Co., 2301 Telephone Road, Houston, $246,800 for addition to elementary school, 3756 University Blvd.

**HOUSTON**—Southern Oaks, Inc., let contract to Texala Construction Co., 8210 Stedman St., Houston, for storm sewers, $75,000.

**HOUSTON**—Harris County let contract to Holland Page, Georgetown Rd., Austin, $100,802, for Bay Ridge Rd. from Morgan Point Rd. to Hwy. #146.

**HOUSTON**—Hirsch Electric Co., let contract to H. K. Ferguson Co., M & M Bldg., Houston at $78,000 for office and warehouse, 5543 Armour Drive.

**HOUSTON** — Beneke Memorial Methodist Church Congregation plans one-story church building, 9100 Harold St.

**HOUSTON** — D'Arcy Confectionery and Candy Factory, 1926 W. Gray Ave., plans store building, 1900 W. Gray Ave.

**HOUSTON**—Texas Co., 720 San Jacinto St., let contract to C. Wallace Plumbing Co., 4102 S. Shepherd Drive, for air conditioning office building.

**HOUSTON** — Houston Independent School District let contract to James B. Dent, 3503 Montrose Blvd., Houston, $483,600 for addition to Stephen F. Austin High School.

**HOUSTON** — City plans elephant island, $167,000.

**HOUSTON**—University of Houston let contract to Southwestern Construction Co., P. O. Box 1204, Houston, $862,000 for library.

**HOUSTON** — W K M Co., 3301 Sherman St., let contract to Brown Construction Co., 5105 Avenue L, Houston, for plant, 3301 Sherman St., $135,000.

**HOUSTON** — Dixon Packing Co. plans treatment plant.

**HOUSTON** — Epworth Methodist Church, 2101 Dismuke St., plans educational building, 2100 block Dismuke St.

**HOUSTON**—Glenn McCarty, plans new 16 to 18 story office building.

**HOUSTON**—Garden Oaks Corp. let contract to Robert H. Smith and Co., 2301 Telephone Rd., at $60,281, for shopping center.

**HOUSTON**—Foremost Dairies, Inc., A. E. Johnson, Gen. Mgr. of Houston Branch, plans $350,000 expansion program.

**HOUSTON**—Max Lidell, c/o Southern Engineering Co., Duncan G. Allen, has negotiations under way for a 80-acre site on Griggs Road and Wayside Drive Extension for truck terminal, $3,000,000.

**HOUSTON**—City let contract to Gulf Bitulithic Co., 2820 Polk Ave., for paving north half of Bissonnet Ave. from WPL Roseland St. to EPL Montrose Blvd.

**HOUSTON** — Jeam DeMenil, 3859 Chevy Chase Blvd., plans residence, San Felipe Rd., between River Oaks Blvd. and Claremont Lane.

**HOUSTON**—W. C. Ward, 3636 Coyle St., plans residence, Wayside Dr., between Harrisburg Blvd. and Lawndale Ave.

**HOUSTON**—Continental Business System, Inc., 300 Travis St., plans two-story shop building, Bagby & Texas Ave., $75,000.

**HOUSTON**—City let contract to Western Engineering Co., M & M Bldg., Houston, $97,468 for 5,000,000 gallon steel water storage tank at N. E. Pump Plant; Frank N. Baldwin, Director of Utilities.

**HOUSTON**—M. S. Magee, 2334 Shakespeare Ave., will build apartment building, 4719 Clay Ave.

**HOUSTON**—ABC Lumber & Building Co., 3116 Jensen Drive, let contract to Leon Green, 2301 Cleabourne St., Houston, for one-story office building.

**HOUSTON**—Southwestern Bell Telephone Co., Dallas, let contract to W. S. Bellows Construction Co., for long distance telephone building.

**HOUSTON**—City Council received low bid from Manhattan Construction Company of Texas at $113,414 for alterations to administration building, Municipal Airport.

**HOUSTON**—University of Houston let contract to R. F. Ball Construction Co., 3200 W. Dallas, Houston, for dormitory.

**HOUSTON** — Houston Independent School District let contract to Thomas Bate & Sons, 1107 Girard St., $617,000 for additions, alterations and rehabilitation Jefferson Davis High School.

**KERRVILLE**—First Presbyterian Church received low bid from W. R. Davidson Construction Co., 212 Moore Bldg., San Antonio at $61,769, for educational building addition.

**KILGORE**—City let contract to Eckert-Fair Construction Co., 1307 Liberty Bank Bldg., Dallas at $715,000 for Municipal Hospital.

**KILGORE** — City, Roy Laird, Mayor, let contract to Eckert-Fair Construction Co., Liberty Bank Bldg., Dallas at $715,000 for Memorial Hospital, Proj. Tex. 52.

**KILLEEN** — District Engineer, Galveston District, 606 Santa Fe Bldg., Galveston, recommended awards for family housing units, Camp Hood, to following: Lots 1, 2 and 4, Proposal No. 1, at $2,312,656, J. W. Bateson Construction Co., Irwin-Keasler Bldg., Dallas; Lot No. 3 of No. 1, at $17,092 to Robert E. McKee, Drawer, 2848, Dallas; five additional buildings, numbers A, B, C, D and E, and all appurtenant utilities, included; Lots 1 and 2 of Proposal 2, in amount of $406,970 to J. W. Bateson Construction Co.; Lot 3 at $2,971 to R. S. Goodman Co., Inc., Denison; Lot 4 at $9,245 to Ransdell Construction Co., 1014 Liberty Bank Bldg., Dallas; Inv. No. Eng. 41-243-49-295.

**KINGSVILLE**—Texas College of Arts & Industries plans combination administration and library building, $1,000,000.

**KINGSVILLE** — Kleberg County, F. E. Farris, Pres. of Hospital Board, plans modernization of old portion of Kleberg County Hospital and construction of a new nurses home.

**KELLER**—Keller Independent School District plans $100,000 school.

**LAMARQUE**—City let contract to Gerald Mora, LaMarque, for sewer mains.

**LAMARQUE** — LaMarque Independent School District plans music building.

**LAREDO**—Humberto Ramirez, 1508 Guadalupe St., plans store.

(Continued on page 52)


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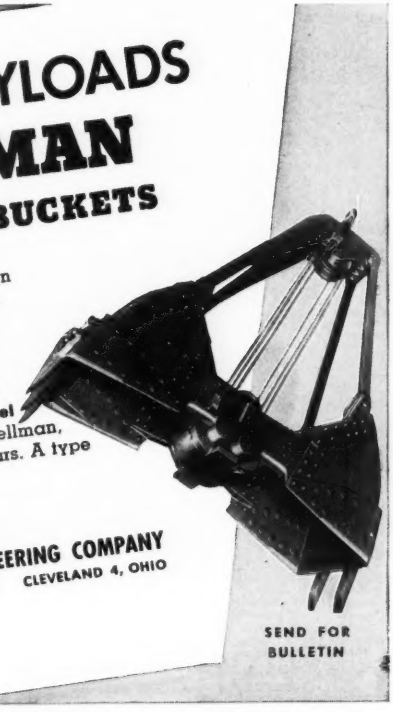

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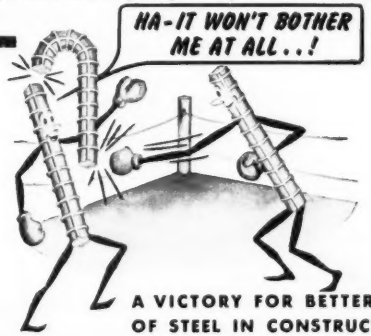


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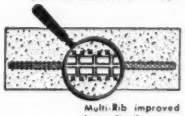

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**LACLEDE STEEL COMPANY**
St. Louis, Mo.

## TEXAS—CONTINUED

(from page 40)

**LAREDO**—Salavador Garcia, 1016 Convent Ave., plans four-unit apartment building.

**LA FERIA**—First Methodist Church Building Committee plans church building.

**LA FERIA**—La Feria Independent School District received low bid from Roy Greenwald, La Feria, for high school.

**LONGVIEW** — Gregg County, Earl Sharp, Judge, let contract to J. A. Sharrock & Sons, Marshall at $641,818 for additions and alterations to County Memorial Hospital; Bevis Electric Co., 1621 N. Dixie Drive, Tyler, has electrical contract at $32,004; S. A. Reynolds, Longview, has plumbing and heating contract at $99,498.

**LUBBOCK** — Broadway Church of Christ, Broadway and Avenue N, B. Sherrod, Chmn., Building Committee, received low bid, $76,180 from Martin Air Conditioning Co., for air conditioning and heating church.

**LUBBOCK** — Lubbock Independent School District let contract to John T. Glover & Son, 1408 Avenue H, Lubbock, $128,479 for elementary school.

**LUBBOCK**—Sisters of St. Joseph let contract to John T. Glover, 1408 Avenue H, Lubbock, for addition to St. Mary's Hospital.

**LUFKIN**—Board of Education plans negro junior-senior high school, $275,000.

**MADISONVILLE** — Madison County, D. F. Brown, Judge, let contract to Pritchard & Bellinger, Cedar Hill at $72,066 for County Hospital; Rose Plumbing Co., Irving, has plumbing and heating contract at $22,875; W. E. Kutzschbach Co., Bryan on electrical work.

**MARLIN**—Marlin Independent School District plans negro high school, $200,000.

**MARLIN**—Marlin Independent School District plans elementary school, $330,000.

**MARLIN**—Marlin Independent School District plans high school additions.

**MARSHALL** — East Texas Baptist College plans dormitory, $250,000.

**Matagorda County** — Corps of Engineers, Galveston, let contract to Bauer-Smith Dredging Co., Port Lavaca, $180,508, for dredging from Liveoak Bayou to Matagorda Bay, Inv. 334.

**McALLEN**—City, C. W. Davis, Mayor, let contract to Mitchell Darby Construction Co., P. O. Box 479, Pharr, and W. T. Liston Co., McAllen, $144,537 for storm sewer improvements.

**McALLEN**—McLellan's, H. E. Kreuger, Mgr., let contract to Templeton and Cannon, 208 Central National Bank Bldg., San Angelo, for remodeling store building.

**McKINNEY** — Bose and Harkrider, Fort Worth, Archts.-Engrs., plan 500 housing units.

**MENARD** — City let contract to Clay P. Carey, Box 832, Brownwood, $51,450, for water filtration plant.

**MERKEL**—City received low bid from S. M. Farquhar & Co., S. Lamar St., Dallas, for foundation for water tank and tower.

**MINEOLA** — First Baptist Church, R. E. Steetman, Pactor, plans Educational Building, $90,000.

**MORTON**—City received low bid from Panhandle Construction Co., P. O. Box 1500, Lubbock, $57,954 for waterworks improvements.

**MYRA**—Board of Education plans remodeling and additions to grade school, $75,000.

**NACOGDOCHES**—Stephen F. Austin State Teachers College let contract to Barker Construction Co., Lufkin, $72,232 for power house.

**NEW BRAUNFELS** — St. Peter and Paul Parish, let contract to Sippel and Adams, P. O. Box 174, for one and one-half story assembly hall and cafeteria building.

**NEDERLAND** — Nederland Independent School District plans school building program, $600,000.

**NEW LONDON**—New London Independent School District let contract to Carver Sound Equipment, 1408 S. Akard St., Dallas, for sound equipment for school.

**ODESSA**—Texas & Pacific Railroad, Dallas, let contract to Fulcher-Burgher Construction Co., 1010 W. 3rd St., Austin, for general remodeling at T & P Railroad Station.

**ODESSA**—G-B Realty Co., 1606 Young St., Dallas, received low bid from Fulcher-Burgher Construction Co., 1010 W. 3rd St., Austin, for warehouse, Lincoln Ave.

**ORANGE**—Corps of Engineers, Galveston, let contract to Atlantic Gulf & Pacific Co., 15 Park Row, New York, $56,021, for dredging Adams Bayou Channel of Sabine-Neches Waterway in Orange County, Inv. 305.

**PASADENA** — Deepwater Housing Co. has construction underway on 48 residences in Deepwater Village.

**PASADENA**—D. J. Zabolio plans store addition, Tatar and Thomas Sts.

**PASADENA**—City received low bid from Holland Page, Baytown, $87,849, for street paving and water works.

**PEARSALL** — Methodist Church plans structure.

**PHARR**—Dr. W. H. Long let contract to J. Lee Gore, for office building.

**PITTSBURG** — Pittsburg Board of Education received low bid from Milo J. Choate & Co., 1412 5th St., Tyler, $76,892 for elementary school.

**PETTUS** — Pettus Rural High School District No. 33 plans school improvements.

**POINT COMFORT** — Aluminum Company of America, Houston, let contract to O'Rourke Construction Co., P. O. Box 7557, Houston, for office building and paste control building at Point Comfort, near Port Lavaca.

**PORT ARTHUR** — White Realty & Insurance Co., let contract to Foster Brothers, Port Arthur for office building addition and remodeling.

**PORT ARTHUR**—F. Shutts & Sons, 324 Pujo, Lake Charles, Engrs. plan sewer improvements.

**PORT ARTHUR**—Freese, Nichols & Turner, 407 Danciger Bldg., Fort Worth, plan water improvements.

**PORT LAVACA** — Calhoun County Independent School District received low bid from Commercial Construction Co., 341 N. Comal St., San Antonio, $83,672 for cafeteria building and colored school and teacherage.

**PREMONT** — Presbyterian Congregation plan church.

**PROVIDENT CITY** — Shell Oil Co., 50 West 50th Street, New York, let contract to Fluor Corporation for gasoline plant in Provident City Field.

**QUANAH** — First Baptist Church plans $200,000 sanctuary and Sunday school building.

**QUITMAN** — Wood County W. T. Block, Jr., Judge, let contract to Shaw & Estes, 1407 S. Akard St., Dallas at $167,488 for three-story addition to Courthouse.

**RAYMONDVILLE** — Church of Christ plan building.

**RICHARDSON** — Mt. Calvary Baptist Church let contract to Grover Jones, Plano, at $82,889 for church plant and to Brown & Williams, Dallas, for educational building at $49,000.

**ROSCOE** — Roscoe School District plans elementary school.

**SANFORD** — Bureau of Reclamation and Amarillo & Panhandler Water Conservation Authority, Amarillo, plans dam near Sanford, $27,000,000 and aqueduct to supply water to 11 west Texas cities; Borger, Amarillo, Pampa, Plainview, Levelland, Lubbock, Tahoka, O'Donnell, Lamesa, Claton and Littlefield, $54,000,000.

**SAN ANGELO**—St. John's Hospital plans erection of 25-bed unit to Hospital.

**SAN ANGELO**—Country Club of San Angelo let contract to Von Frellick, Inc., P. O. Box 209, for open air dance pavilion, locker rooms, bath house, etc.

**SAN ANTONIO** — City let contracts for Salado creek sewer main; H. B. Zachry Co., P. O. Box 2570, $209,935 for section No. 2; Colglazier, McKennon Construction Co., P. O. Box 6538, Alamo Heights Branch, $207,003 for section No. 3.

**SAN ANGELO**—Concho Valley Electric Cooperative, Inc. has $285,000 REA loan for 164 miles line.

**SAN ANTONIO**—Manor Grocery and Market received low bid from Trailkill Construction Co., 813 E. Myrtle St., for addition to and remodeling store, Jefferson District, Donaldson Ave.

**SAN ANTONIO**—Sam Yaing received low bid from Martin Construction Co., for one-story store, corner Culebra Ave and West 18th St.

**SAN ANTONIO**—San Antonio Independent School District, Thomas B. Portwood, Supt., let contract to Vincent and Anthony Falbo, P. O. Box 4291, San Antonio, $83,737, for addition to Graebner Elementary School, 530 Hoover St.

**SAN ANTONIO**—Purchasing and Contracting Officer let contract to Forgy Construction Co., P. O. Box 6521, Alamo Heights Station, San Antonio, for moving and installing bakery and mess equipment in Bldgs. Nos. 118, 203, 240 and 246, Brooks Air Force Base.

**SAN ANTONIO** — Ben Mindes, Randolph Field Transportation Co., 201 N. Alamo St., has preliminary plans in progress for bus garage, Chestnut St. back of Crane Co.; site changed.

**SAN ANTONIO**—Alamo Heights Independent School District let contract to G. W. Mitchell, 612 American Hospital & Life Bldg., San Antonio, $776,000, for senior high school, Broadway, Fair Oaks & Rosalie.

**SAN ANTONIO**—San Antonio Independent School District let contract to Cunningham Construction Co., P. O. Box 155, Grayson St., San Antonio, $184,855 for gymnasium for Sidney Lanier School, corner Brazos & San Luis Sts.

**SAN ANTONIO**—Belmeade Corp. let contract to Judson Phelps, 317 Insurance Bldg., San Antonio at $648,750 for 24 apartment buildings, Hathaway Drive in Belmeade Addition; Farwell Co., 211 Probandt St., has plumbing contract at $105,904; Schmidt Electric Co., 509 Water St., at $21,300 for electric; Farwell Co., for utilities; Otto Phillips, Landscape Archt. and Site Planner.

**SAN ANTONIO**—Texas Co., M. L. Merrill, Construction Engr., 400 Probandt St., let contract to Hawley & Raybourn, 3400 Fredericksburg Road, San Antonio, for service station, N. E. Corner Broadway & Carey Ave.

**SAN ANTONIO**—District Engineers, Galveston District, 606 Santa Fe Bldg., Galveston, let contract to H. B. Zachry Co., P. O. Box 2570, San Antonio, $879,974 for family housing units, at Randolph Air Force Base, Inv. No. Eng-41-243-49-296.

**SAN ANTONIO**—Tom Goad, 317 Lexington Ave., let contract to Fred Poage, 120 Lamont St., for large residence, Paseo Encinal, Olmos Park Section.

**SAN ANTONIO**—Bethany Evangelical and Reform Church, Carl Burkle, Minister, plans church addition, 611 E. Myrtle St.

**SAN ANTONIO** — Christ Evangelical Lutheran Church, Rev. W. A. Povey, Minister, plans building, Broadway, between Primrose and Rosalie Sts., Alamo Heights.

**SAN ANTONIO** — Northside Consolidated

(Continued on page 54)


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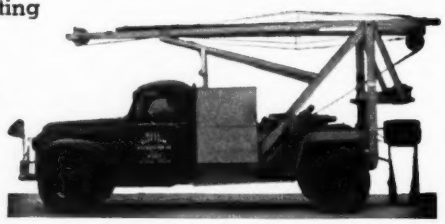

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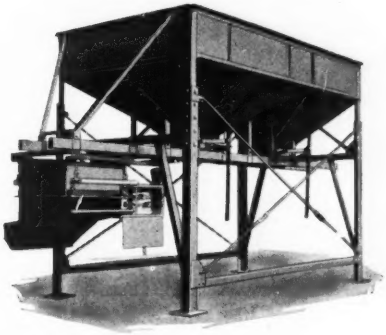

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## TEXAS—CONTINUED

(from page 52)

Common School District No. 1 let contract to Howard Bumbaugh & Co., 102 Grandview Pl., San Antonio, $161,616, for junior and senior high school.

**SAN ANTONIO**—Ben Mindes plans converting building into apartments, at Southside 4th St., between Ave. E and Nacogdoches St.

**SAN MARCOS**—Dr. Elton Abernathy plans residence.

**SEALY**—Sealy Independent School District let contract to I. G. Audish, 1911 Kolfahl St., Houston, $89,900 for school building.

**SHALLOWATER**—Shallowater Rural High School District let contract to J. A. Marsh & Son, Spur, $56,000 for addition to high school.

**SUGAR LAND**—Imperial Sugar Co. let contract to Southwestern Construction Co., Box 1204, Houston at $242,000 for re-melt sugar plant, part of a $4,000,000 expansion program.

**SNYDER**—Scurry County, Edgar Taylor, Judge, let contract to Von Frellick, Inc., P. O. Box 209, San Angelo at $122,200 for remodeling County Courthouse and improvements to grounds.

**STAMFORD** — Stamford Independent School District let contract to Rose Construction Co., Abilene, $168,432 for gymnasium and field house.

**STANTON**—Tom Brothers plans one-story store building.

**STEPHENVILLE**—Erath County, Dale W. Harwin, Judge, received low bid from Sparks & Son, Evant, at $70,609 for remodeling County Courthouse; Beals Plumbing & Heating Co., 315A 13th St., Fort Worth, low on plumbing at $11,273; Gelighty Electric Co., 316 E. California, Gainesville, low on electrical work.

**TAHOKA**—City, K. R. Durham, Mayor, let contract to Sam Sanders, Artesia, New Mexico, $198,899, for street improvements.

**TEMPLE**—City plans school buildings.

**TEXAS CITY**—Texas National Bank received low bid, $82,000 from Gaynor Construction Co., 3225 Love Field, Dallas, for bank building addition.

**THREE RIVERS**—Three Rivers Independent School District plans high school.

**TYLER**—Peoples National Bank let contract to Collins & Sharp, 701 Glenwood, Tyler, for addition; Mosher Steel Co., 630 E. Social St., Tyler, has steel contract.

**TYLER**—Eby Engineering Co. let contract to Collins & Sharp, 701 Glenwood, Tyler, for office building, $38,000.

**TYLER**—Lone Star Co., John Radford, let contract to Radford Construction Co. for tourist courts, Greenland Hills Subdivision, Dallas Hwy.

**TYLER**—T. B. Butler Publishing Co. let contract to Hobart Plunket, 1302 E. Roseland, Tyler, for newspaper plant, 400 block of W. Erwin, $200,000; Central Texas Iron Works, 21st and Webster Sts., Waco, has contract for steel.

**TYLER** — City let contract to Vanderver and Christian, Tyler, $125,536 for mechanical electrical work at raw water pumping station.

**TYLER** — City let contract to Vanderver and Christian, Tyler, $104,000 for installing Lake Tyler raw water transmission pipe line and appurtenant work.

**TYLER**—Smith County, Ned Price, Judge, received low bid from Campbell & Kay, P. O. Box 836, Tyler at $852,265 for County Hospital.

**VERNON** — Perkins-Timberlake Co., R. Mills Tittle, Mgr., 9th and Indiana, Wichita Falls, let contract to Reid-Naylor-Baldwin, Hamilton Bldg., Wichita Falls for two-story store remodeling, $75,000.

**VIDOR**—Vidor Independent School District let contract to Winter King, Beaumont, $49,528, for high school.

**WACO**—Cinderella Slipper Shop, Leon Collins, 705 Austin Ave., let contract to L. A. Skipworth, 110 Kane Ave., Waco for remodeling.

**WACO**—Greek Orthodox Church Congregation let contract to W. P. Sparks, Jr., 1006 N. 4th St., for church.

**WACO**—City, Hubert Davis, Water Supt., let contract to V. H. Thomas, Benbrook Road, Fort Worth, $63,384, for installation of water mains.

**WACO**—Bill Wood's Triple X, The Circle, plans 42-unit Tourist Court.

**WACO** — Henry Urban, 800 N. 15th St., plans one-story residence.

**WALNUT SPRINGS**—City let contract to J. L. Meyers & Son, Denton, for water well.

**WEST**—Church of the Assumption let contract to R. R. Jones, $48,000 for school addition.

**WHARTON**—Wharton County, B. D. King, County Engr., let contract to Brown & Root, Inc., P. O. Box 3, Houston, $295,493, for 26.9 mi. grading, drain. struc., flex. base and asph. surf. treat.

**WICHITA FALLS**—Hardin College plans technical building, 3410 Taft, $100,000.

**WICHITA FALLS** — Wichita Falls Independent School District let contract to M. A. Vordenbaum, 3104 Grant St., Wichita Falls, $86,758 for addition and remodeling Travis School.

**WILMER**—City let contract to Pittsburg-Des Moines Steel Co., Praetorian Bldg., Dallas, for water tank and tower.

**WILMER**—City let contract to Layne-Texas Co., Dallas, for drilling water well.

**WILSON**—Wilson Independent School District let contract to John T. Glover, Lubbock, $102,895, for high school.

**WICHITA FALLS**—State Board of Control, Austin, let contract to Moore Construction Co., P. O. Box 300, Austin at $42,384 for ice plant, creamery building and butcher shop, Wichita Falls State Hospital.

**WICHITA FALLS**—Times Publishing Co., Rhea Howard, plans alterations and additions to existing newspaper plant.

**WOODSBORO**—City let contract to W. H. Wolter, 109 N. Carrizo, Corpus Christi, for fire station.

**YOAKUM**—City, Leslie J. Poth, Mayor, approved issuance of $45,000 bond issue for annex to City Hospital and other improvements.

**YOAKUM**—City approved issuance of $35,000 bond issue for improvements to parks.

## VIRGINIA

Potomac Electric Power Co. has Federal Power Commission authority to loan $13,000,000 to its subsidiary, Braddock Light and Power Co. for addition to Braddock Power Plant.

State Department of Welfare and Institutions, Col. Richard W. Copeland, Dir., Richmond, plans replacing temporary penal road camps with permanent facilities.

**ARLINGTON** — Navy Department, U. S. Bureau of Yards and Docks, let contract to Well Brothers, Frederick, Md., at $41,085, for rehabilitation of heating system, Marine Barracks; Spec. 21670.

**ARLINGTON**—Public Buildings Administration let contract to American Electric Co., Arlington at $40,995 for replacement and changes of lighting standards on grounds, Pentagon Bldg.

**ARLINGTON**—Public Buildings Adminis-

(Continued on page 56)


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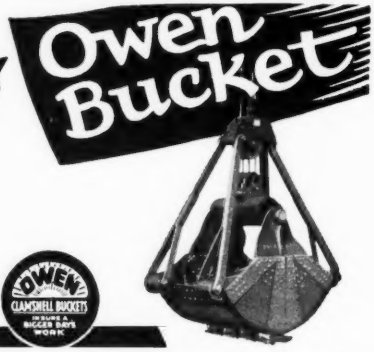


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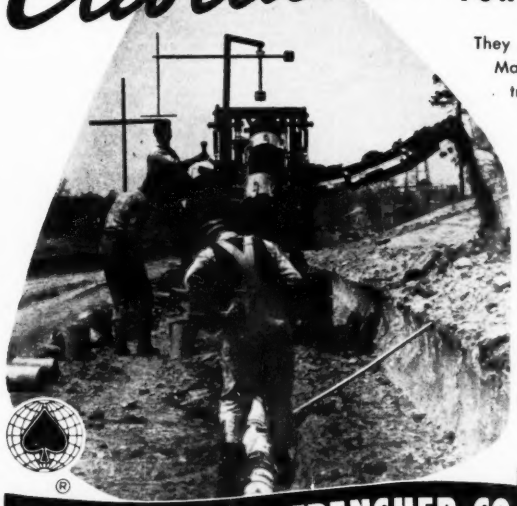

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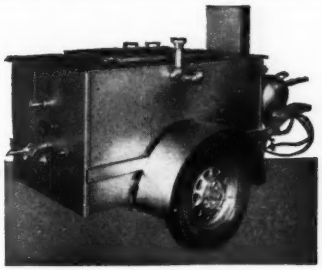

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Sealed bids will be received by the State of Louisiana, Office of the Governor, Division of Administration, Purchasing Section, 201 Capitol Annex, Baton Rouge, Louisiana, at 10:00 a.m., August 26, 1949 for the sale of Railroad Equipment located at Louisiana State Penitentiary, Angola, Louisiana, and delivered F.O.B. Angola, Louisiana, or Bains, Louisiana. Bids will be received on the following:

1—Mogul type Locomotive #44, built by American Locomotive Co., weight on drives 47 tons, total weight including water tender and fuel oil tank approximately 44 tons.

1—Prarie type Locomotive #22, built by Baldwin Locomotive Co., weight on drives 45 tons, total weight including water tender and fuel oil tank approximately 35 tons.

57—Metal fittings for wood body cane cars, standard gauge, 4 pairs wheels, 342 tons.

31—Metal fittings and frame for steel body cane cars, standard gauge, 4 pairs wheels, 248 tons.

1180—Tons—60 pound rails
230—Tons—40 pound rails
292—Tons—70 pound rails
43—Tons—Spikes
66—Tons—Angle Bars
70—Tons—Tie Plates

Bidder to submit bid based on Owner delivering material onto railroad cars at Bains, Louisiana and an alternate bid if he desires to take delivery at Angola, Louisiana, the Owner to load material onto Buyer's trucks or onto barges at Tunica Landing or Angola, the Owner to deliver material onto barges.

Locomotives and cars will be taken apart into sizes that can be handled on trucks unless delivery is made by barge in which case the amount of dismantling will be such as is agreeable to Buyer and Seller. The quantities shown are approximate and scale weighing of material delivered will govern for payment.

A Bid Bond in the amount of 5% of the amount bid must accompany each bid, which amount shall be retained by the vendor as a performance bond to secure the faithful performance of the contract to be entered into between the vendor and the successful bidder or bidders. After the awards have been made said amounts accompanying the bids of the unsuccessful bidders will be immediately returned to them and/or each of them.

These bids will be publicly opened and read at same hour and date specified above, in Room 201, Capitol Annex.

No bids will be received after date and hour specified.

The owner reserves the right to reject any or all bids and to waive any informalities.

State of Louisiana
Office of the Governor
DIVISION OF ADMINISTRATION
J. H. Rester
Commissioner of Administration

By
D. H. Whittington
Purchasing Supervisor

## VIRGINIA—CONTINUED

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tration, Washington, D. C., let contract to Rupertus Sheet Metal, Washington, D. C., at $106,432 for air conditioning areas A, B and C, Mall Terrace.

**ARLINGTON**—Public Buildings Administration let contract to S. N. Dockstader, Inc., at $159,000 for steam connection, Federal Office Bldg. 2.

**ARLINGTON** — Navy Department, Washington, D. C., let contract to Associated Flooring Co., Washington, D. C., for grading floors, barracks K; Spec. 22136, NOy 18319.

**ARLINGTON** — Navy Department, Washington, D. C., let contract to Arlington Asphalt Co., for paving parking area, Henderson Hall; Spec. 22347, NOy 18548.

**ARLINGTON** — Peyton Randolph Elementary School received low bid from Cowles Construction Co., Alexandria at $171,171 for additions and alterations, South Quincy St. and 14th St., South.

**ARLINGTON HALL STATION**—U. S. Engineer Office, Washington, D. C., let contract to Air Conditioning, Inc., 7218 Wisc. Ave., Bethesda, Md., at $79,989 for air conditioning facilities, Bldg. T-450; Inv. 179.

**BRISTOL** — Community Hospital, Roy C. McClure, plans Hospital.

**CHARLES CITY**—Board of Education let contract to Thorington Construction Co., 205 E. Canal, Richmond, for additional building for Ruthville School.

**CHARLOTTESVILLE**—Dr. Frank Stafford, Supt., received low bid from F. L. Showalter, Inc., Lynchburg at $79,120 for sewage treatment plant and connecting sewers for Blue Ridge Sanatorium.

**CHARLOTTESVILLE**—University of Virginia let contract to W. L. Lacy, Charlottesville, for heating and ventilating for University Press Building and Heating for Geological Survey Building.

**CHINCOTEAGUE**—Navy Department, Norfolk, let contract to Byrne Organization, Norfolk at $98,933 for married officers quarters, Naval Auxiliary Air Station and Naval Aviation Ordnance Test Station; Spec. 18278.

**CHINCOTEAGUE**—Navy Department, Norfolk, let contract to R. F. Trant, Inc., Norfolk, for window type air conditioning units, Bldg. F-6, Naval Auxiliary Air Station; Spec. 22862.

**CHINCOTEAGUE**—Navy Department, Norfolk, let contract to M. E. Gustaffasen Co., Tacoma Park, Md., for replacement of oil burners in quarters, Naval Auxiliary Air Station, Spec. 22861.

**DAHLGREN**—Navy Department, Washington, D. C., let contract to American Construction Co., at $82,400, Item 1, and at $84,900, Item 2, extension of rocket launchers; Spec. 21811, NOy 17973.

**DANVILLE** — Virginia Polytechnic Institute received low bid from P. L. Anderson & Son, Danville, for building.

**FARMVILLE** — Board of Supervisors of County plan new addition to Southside Community Hospital, $316,000.

**FORT EUSTIS**—District Engineer, Washington, D. C., let contract to Endebrock-White Co., Hilton Village at $93,000 for addition to steam locomotive repair shop; Ser. 49-080-49-176-(48)M.

**FORT EUSTIS** — U. S. Engineer Office, Washington, D. C., let contract to Horne Brothers, Newport News at $74,373 for hardstanding, third port area; Inv. 199.

**GILES COUNTY** — Appalachian Electric Power plans $36,000,000 steam-electric generating plant, capable of developing 400,000 horsepower, (300,000 kilowatt).

**GRUNDY**—Buchanan County let contract to J. C. Heldreth, Tazewell for $150,000 addition to County Courthouse.

**HANOVER**—Board of Education let contract to Thorington Construction Co., 205 E. Canal, Richmond, $267,072 for Peaks Industrial School.

**GLOUCESTER POINT**—College of William & Mary received low bid from Sydnor Pump & Well Co., Richmond, for drilled well for Virginia Fisheries Laboratory.

**HAMPTON** — Board of Education let contract to Virginia Engineering Co., Newport News, $1,027,000 for George Wythe Junior High School.

**HENRICO COUNTY**—First Division Headquarters, Department of State Police, U. S. Route 1, let contract to J. Kennon Perrin Co., 5th & Cary Sts., Richmond at $59,556 for building.

**ISLE OF WIGHT**—Board of Education received low bid from M. P. H. Mechanical Co., Newport News, $38,509 for revision of heating in Carrsville, Windsor and Smithfield Schools.

**LANGLEY**—Bureau of Public Roads, Arlington, let contract to Curtis Builders, Washington, D. C., at $279,000 for finishes and miscellaneous building work.

**LYNCHBURG**—Charles L. Ledingham will build 50-unit apartment on Rivermont Ave., $360,000.

**MARTINSVILLE**—Starling Avenue Baptist Church Congregation let contract to W. J. Turner, for addition; $75,000.

**NORFOLK**—Glenhaven Corp. plans 19 residences in Belmont Area, south of Lafayette Blvd.

**NORFOLK**—Decatur Park Corp. will build 48 residences near Ocean View; $240,000.

**NORFOLK** — Navy Department received low bid from Carter-Hassell Contracting Corp., Waco St. & Naval Base Road, Norfolk for alterations and additions to building 242, U. S. Naval Base; Spec 22894.

**PETERSBURG**—Virginia State College received low bid from Graham Brothers, Box 423, Richmond, $574,300 for women's dormitory No. 4.

**PORTSMOUTH**—Navy Department Norfolk, let contract to Klicos Painting Co., Baltimore, Md., at $49,800 for painting exterior of miscellaneous buildings Norfolk Naval Shipyard; Spec. 21795.

**PORTSMOUTH**—City plans to fit new residential sections with sidewalks, curbs and gutters, streets, storm sewers and hydrant systems; $400,000.

**QUANTICO**—Navy Department, let contract to Victor Beauchamp, 6834 4th, N. W., Washington, D. C., at $140,300 for extension FBI Academy; Spec. 21166.

**RICHMOND**—Richmond Hotels, Inc. let contract to Wise Contracting Co., Box 547, Richmond, for parking garage.

**RICHMOND** — Department of Public Health, Richmond, let contract to Kell's Refrigeration Service, Richmond, for air conditioning operating room in Central Building at Pine Camp Hospital.

**RICHMOND**—Dr. Leslie W. Rose, Patterson and Maple Aves., received low bid from Otto Ziebe Construction Co. for residence and office.

**RICHMOND**—Broaddus Memorial Baptist Church, 32nd and Broad Sts., let contract to F. Scott Rice, at $67,674, for addition to church; R. C. Beverley Heating Co., Richmond, awarded contract for heating.

**RICHMOND**—Navy Department, let contract to T. A. Talley & Son, Richmond, for steam metering system, Marine Corps Reserve Training Center; Spec. 22445.

**RICHMOND**—The Church of The Holy Comforter received low bid, $94,436 from J. Kennon Perrin Co., for educational building.

**RICHMOND** — Crestview Apartments received low bid from S. H. Guza Plumbing & Heating Co., Richmond, for sewage treatment plant.

**RICHMOND** — Straus Co., Inc., 2018 W. Broad St., let contract to Howard-Mitchell Construction Co., 10 W. Cary St., Richmond for alterations to building.

**RICHMOND** — Richmond Memorial Hospital, James E. Galleher, Chmn. of Subcommittee, plans campaign to raise $5,000,000 for new hospital.

**RICHMOND**—American Machine Development Corp., Gordon Ave. & Ninth Street Road, received low bid from Howard-Mitchell Construction Co., 10 W. Cary St., Richmond at $127,624 for office and shop.

**RICHMOND**—St. Bridget's Roman Catholic Church, York and Three Chopt Rd., let contract to Doyle and Russell, 1420 Central National Bank Bldg., for building.

**RICHMOND** — Virginia Natural Gas Co. plans $5,377,972 natural gas pipeline in southeastern Virginia.

**ROANOKE**—Norfolk and Western Railway let contract to J. M. Turner, 137 Campbell, SW, for enlarging its Motive Power Building.

**SALUDA**—Board of Education let contract to C. E. Nuckols, Richmond, $99,200 for gymnasium and auditorium for Saluda High School.

**STEVENSVILLE**—Commission of Game & Inland Fisheries, Richmond, let contract to A. F. Barnette, Mechanicsville at $35,265 for residence and garage, State Fish Hatchery.

**SUFFOLK**—Plantation Corp. of Williamsburg is constructing a $100,000 drive-in theatre, Suffolk-Petersburg Rd.

**VIRGINIA BEACH** — Mayflower Corp. let contract to Byrne Organization, Norfolk, for 16-story Mayflower apartment project, between 34th and 35th Sts. and Atlantic and Pacific Aves.

**WYTHEVILLE**—Division of Purchase and Printing, 210 Finance Bldg., Richmond, let contract to Trinkle & Dobyns, Dublin at $40,995 for regional diagnostic laboratory.

**WYTHEVILLE**—City let contract to P. T. Withers, Gastonia, N. C., $146,150 for filter plant.

## WEST VIRGINIA

**CHARLESTON** — Board of Controls, Joe F. Burdett, Pres., plans 600-cell addition to State Penitentiary.

**CHARLESTON** — H. B. Agsten, Jr., Inc., has contract for A. & P. super store, Magnolia St. and Second Ave.; $98,000.

**CHARLESTON** — State Roads Commission, received low bids for projects in following counties:

**Logan** — Proj. No. 5942, Cora Bridge #S-1810; Monty Brothers, St. Albans, $42,961;

**Logan** — Proj. No. 5942, Cora bridge approach; Oscar Vecellio, Beckley;
**Marion** — Proj. No. S-590(1), Pricketts Bridge #S-1812; R. B. Gay & Co., Roanoke, Va.;
**Marion** — Proj. No. S-590(1) Lower Prickett bridge; R. B. Gay & Co., Roanoke, Va.;
**Mercer** — Proj. No. F-308(1), Glatto Overhead bridge; Monty Brothers, St. Albans, $109,888;
**Wirt** — Proj. No. S-209(2), Elizabeth bridge approach; Acme Construction Co., Beckley, $38,454.
**Kanawha** — Proj. No. F1-222(15), Upton Creek; Anderson's, Inc., $86,587;
**Raleigh** — Proj. No. S-587(1), US 19, Rt. 9; Oscar Vecellio, Beckley, $82,821;
**Raleigh** — Proj. No. 7281, Airport Rd.; Vecellio & Grogan, Beckley, $68,081.
**HUNTINGTON** — Huntington State Hospital plans $500,000 combination ward and office building.
**HUNTINGTON** — Cabell County Hospital Board, Max K. Jones, Pres., plans $2,500,000 County Hospital.
**POINT PLEASANT** — Public Building Administration let contract to Polan Industries, 801 30th, Huntington, at $120,000 for placing in lay away conditioning, Ordnance Works.
**WHEELING** — Warwood Presbyterian Church plans $100,000 church building.
**WHEELING** — St. Michael's Catholic Church congregation plans $500,000 church structure.


**Used Equipment For Sale**

1—Caterpillar D6—6 cylinder model with LaPlant Choate Angledozer ..... $6,000
1—Allis Chalmers Model HD10 Tractor w/ Baker Bulldozer .. 6,000
1—TD18 International and L S LeTourneau Scraper ..... 7,500
1—Caterpillar Model D2 Tractor w/ LaPlant Choate Dozer ..... 3,750
1—Caterpillar Model D2 Tractor with Traxcavator shovel ..... 4,000
1—Used Case VAI Tractor and Mower ..... 1,300
1—Used Caterpillar D13000 engine equal to new ..... 3,750
1—Used Caterpillar 15KW Diesel Electric 220, 3 phase Gen. ..... 1,750

*Subject to Prior Sale or Disposition*

**ALBAN TRACTOR CO., INC.**
8531 Pulaski Highway
Baltimore 6, Md.

**FOR SALE**

1—Tournapull rubber-tired machine used six months; 15 cubic yard capacity, Cummins Diesel motor. ..... $10,000
1—ten-ton, 3-wheel Hercules Roller, electric starter. ..... $2,500
1—Barnes road pump, heavy duty. ..... $300
1—LeTourneau 15-yard Pan Tires 18" x 24". .. $4,000
1—HD-10 Allis Chalmers Tractor with Baker Hydraulic bulldozer, 10' blade. ..... $8,000
1—412 Adams Road Grader, late model, pneumatic tires. Rear 1300 x 24; Front 700 x 24. .. $4,500
1—HD-14 Allis Chalmers Bulldozer, blade also equipped with double drum power take off. $9,000
1—No. 66 Caterpillar pull grader with 12' blade, hand operated, leaning wheels, and a very valuable machine in ditching and grading where it is wet or soft. ..... $750
1—Lot of combination curb and gutter forms with dividing plates and spacers. Also 1,000 feet of 5' sidewalk forms with some pins. ..... $1,000
1—Heavy Duty Osgood Combination Crane & Shovel Equipped with 45' boom, 1 yd. Blaw Knox bucket also equipped with shovel front and dipper stick. Has new 90 h.p. GM Diesel motor. ..... $12,000
1—Garwood 15 Yd. Pan. Purchased new March 1948. ..... $5,000
1—45' Lattice Boom, Osgood. ..... $500
1—1¼ Yd. Blaw Knox Rehandling Bucket with teeth. ..... $500
1—¾ Yd. Hayward Digging Bucket with teeth. $400
1—Lot of pile driving rig, including 3,000 lb. hammer, cap and leads. ..... $800
1—Three Bag Ransome Mixer on four pneumatic tires. With scales and three pneumatic Tired Concrete Carts. ..... $1,500
1—LeTourneau Double Drum Sheepsfoot Tamping Roller ..... $1,000

**WALLER PAVING COMPANY**
SALISBURY, MARYLAND
PHONE 7691

**SHOVEL ATTACHMENTS**
**REAL BARGAINS**
P & H Model 255-A, ¾-yd. complete shovel fronts, new, unused. ..... $1185 ea.
P & H Model 455, 1½-yd. complete shovel fronts, slightly used. ..... $1245 ea.
Northwest Model 25, ¾-yd. complete shovel fronts, new, unused. ..... $1185 ea.
F.O.B. Mobile, Ala., loaded on flatcars
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7225 Culmore Street — Houston, Texas

**FOR SALE**

1—TD-9 International Tractor w/Bucyrus Bull Grader
1—T6 International Tractor w/Bucyrus Bulldozer
1—Barber-Greene Ditcher 44C
1—Insley Shovel/Backhoe Combination
1—10 Yard Woolridge Scraper
1—3 wheel 7 ton roller
1—Meli-Blumberg Power Maintainer

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Badger Model 83 dragline
Universal ½ yd. truckhoe
Link Belt 2½ yd. dragline
RD-7 with bulldozer
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American 10" elec. pump
I-4 with Hough shovel
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**Paving Equipment**
**Forms, Bins, Finishers, Pavers, Etc.**
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*Manufacturers Plain and Reinforced*
**SEWER AND CULVERT PIPE**
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Welded, Seamless, Corrugated
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**Dual Drum Paver**
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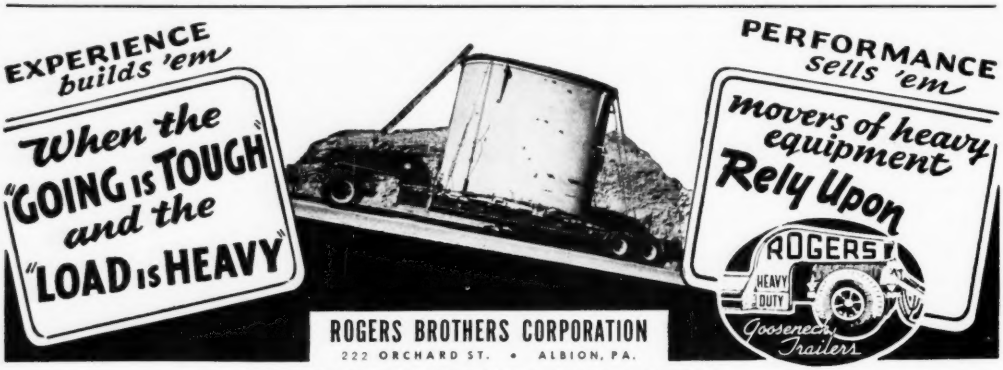


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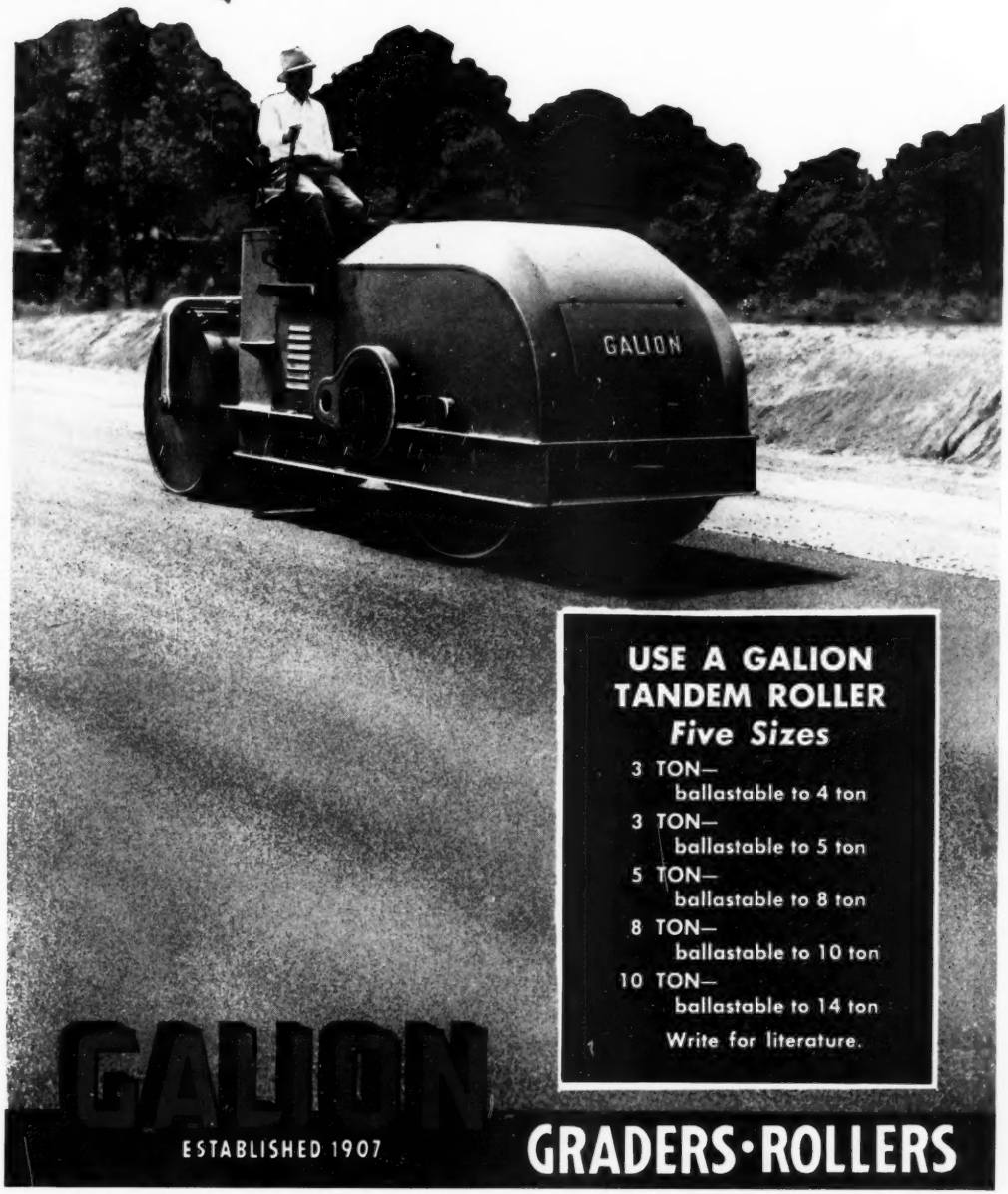


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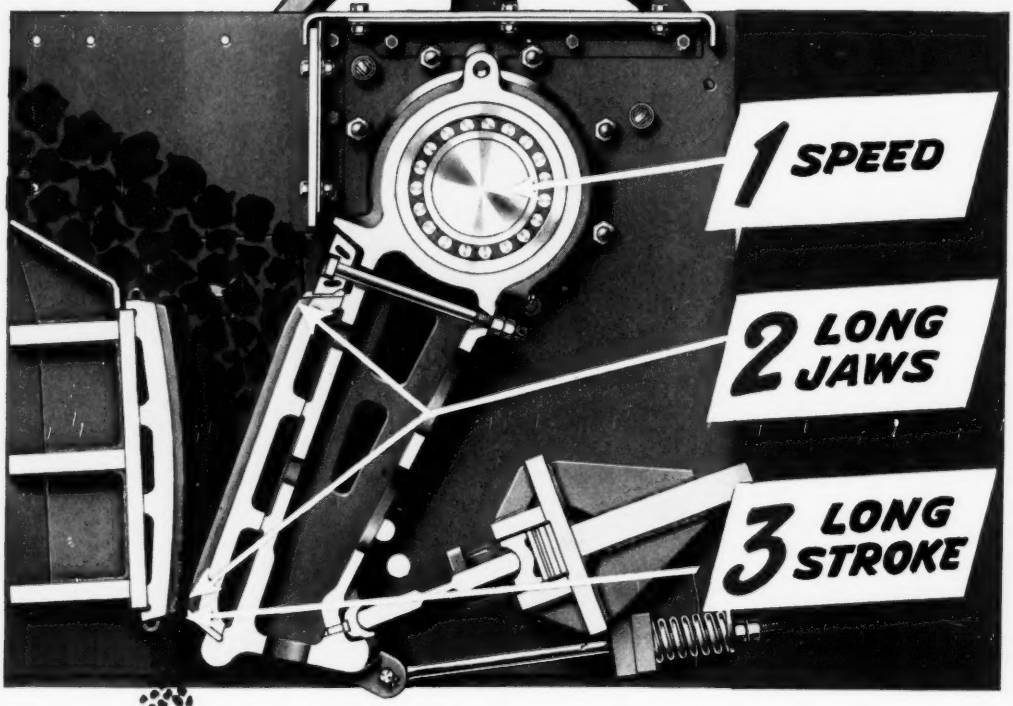


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